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"CUMULATIVE" SUPPLEMENT

No. 4

# UNDERWOOD'S

# LIST OF ADJUDICATED PATENTS
## AND DISCLAIMERS

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ARRANGED

BY NUMBER AND BY SUBJECT-MATTER
OR TITLE OF INVENTION

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BY

LINEAS D. UNDERWOOD
III

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CARD DIGESTS CO.,
711 McGILL BLDG.
WASHINGTON, D. C.

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J. W. STOWELL PRINTING CO.
FEDERALSBURG, MD.
1915

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## SCOPE OF THIS SUPPLEMENT.

Federal Reporter, Vols. 147 to 218.

U. S. Reports, Vols. 203 to 235.

Appeal Cases, D. C., Vols. 28 to 41.

Court of Claims Reports, Vols. 41 to 48.

Official Gazette—Disclaimers, Vols. 82 to 211.

## ABBREVIATIONS.

App. D. C.—Court of Appeals Cases, District of Columbia.

C. C. A. 5th Cir.—Circuit Court of Appeals for the Fifth Circuit (similarly for other Circuits).

C. C. S. D., N. Y.—Circuit Court for the Southern District of New York (similarly for other Districts).

Ct. of Cls.—Court of Claims Reports.

F.—Federal Reporter.

O. G.—Official Gazette of the Patent Office.

U. S.—United States Supreme Court Reports.

## TABLE I.

### Chronological List of Adjudicated Patents.

(This list includes all adjudicated original patents covered by the terms "art", "machine", "manufacture" and "composition of matter." It also includes patents which were involved in interference in which adverse decisions were rendered, notice of which has been published in the Official Gazette. For Reissues see Table II.; for Designs see Table III).

**1859**

**25,373** See Reissue 3,985.

**1866**

**54,614** See reissue 7,897.
**55,709** See Reissue 8,599.

**1870**

**100,621** Paper-box machine, C. B. Hatfield, March 8, 1870, decree pro confesso in re infringement of Reissue 3,985, (C. C. E. D. Pa.), data set forth at Liber R 13, p. 360 in the assignment records of the U. S. Patent Office.

**1876**

**180,490** Plate printing press, James Milligan, Aug. 1, 1876, suit to recover royalties, (Court of Claims), 42 Ct. Claims 479.

**1877**

**193,097** Plate printing press, James Milligan, July 17, 1877, suit to recover royalties, (Court of Claims), 42 Ct. Claims 479.

**1878**

**205,280** Wooden box, G. A. Mannie, June 25, 1878 (C. C., E. D. N. Y.), Federal Cases No. 9,039.

## 1881.

**239,702** Car axle box, S. A. Bemis, Apr. 5, 1881, claim 1 valid and infringed by 418,439, (C. C. A. 3rd Cir.), 200 F. 749.

## 1882

**260,063** Waterproof fabric, G. Streat, June 27, 1882, void on demurrer, (C. C. D. Minn. 3rd Div.), 154 F. 378.

**267,318** Pneumatic conveyor, James W. Beach, Nov. 14, 1882, on suit to recover damages, (Court of Claims), 41 Ct. Claims 110.

## 1883

**271,426** Sewing machine treadle, H. Cramer, Jan. 30, 1883, not infringed by 306,469, (C. C. A. 9th Cir.), 147 F. 917.

## 1884

**301,220** Breech-loading ordnance, C. T. De Bange, July 1, 1884, suit to recover royalties, (Court of Claims), 43 Ct. Claims 25; motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.

**304,539** Electric conductor, E. D. McCracken, Sep. 2, 1884, claim 1 not infringed, (C. C. A. 2nd Cir.), 158 F. 99.

**306,469** Sewing machine stand and treadle, P. Diehl, Oct. 14, 1884, held to not infringe 271,426, (C. C. A. 9th Cir.), 147 F. 917.

## 1885

**318,093** Gas check for ordnance, J. B. Davis, May 19, 1885, motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.

**319,795** Process of smelting ores by the electric current, Cowles & Cowles, June 9, 1885, decree for injunction or bond, and for accounting, (C. C. W. D. Pa.), 189 F. 710; valid and infringed, (C. C. A. 3rd Cir.), 203 F. 976.

**322,637** Speed governor, E. Penney, July 21, 1885, held to anticipate claims 1 to 6 of 387,205, (C. C. W. D. Va.), 163 F. 527.

**331,618** Gun carriage, C. T. De Bange, Dec. 1, 1885, motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.

## 1886

**341,930** Locomotive ash pan, J. B. McCune, May 18, 1886, judgment reversed, case remanded, (C. C. A. 3rd Cir.), 154 F. 63; not infringed, (C. C. A. 3rd Cir.), 175 F. 991.

## 1887

**358,545** Lining for furnaces, E. C. Condit, Mar. 1, 1887, not infringed, (C. C. A. 6th Cir.), 150 F. 141; recovery barred by laches, (C. C. N. D. Ohio E. D.), 157 F. 842.

**365,723** Wire barbing machine, A. J. Bates, June 28, 1887, decree awarding nominal profits affirmed, (C. C. A. 7th Cir.), 194 F. 108.

**366,362** Electrical converter, G. Westinghouse, July 12, 1887, claim 4 not infringed, (C. C. A. 8th Cir.), 173 F. 361; decree (173 F. 361) reversed, (U. S. Sup. Ct.), 225 U. S. 604; judgment in favor of plaintiff, (D. C. E. D. Mo. E. D.), 218 F. 646.

**368,804** Electric resistance coil, C. D. Baker, Aug. 23, 1887, void, (C. C., E. D. Wis.), 147 F. 266.

**370,108** Sheet piling, J. A. Wakefield, Sept. 20, 1887, valid as against a defense of public use, (C. C. A. 5th Cir.), 177 F. 214.

**375,377** Machine for molding building blocks, H. S. Palmer, Dec. 27, 1887, not infringed, (C. C. E. D. N. Y.), 148 F. 702.

## 1888

**377,029** Paper fastener, J. C. Jensen, Jan. 31, 1888, held to anticipate 630,553 and 695,468, (C. C. E. D. Ky.), 167 F. 132, (C. C. A. 6th Cir.), 167 F. 128.

**378,379** Process of filtering beer, H. Stockheim, Feb. 21, 1888, valid. infringed, (C. C. N. D. Ohio, E. D.), 155 F. 124; claims 1, 2 and 4 valid, infringed, claim 3 void, (C. C. A. 6th Cir.), 164 F. 855; claims 1, 2 and 4 valid and infringed, (C. C. A. 2nd Cir.), 204 F. 274.

**381,968** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elec. Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686, E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported; valid, infringed, (C. C. E. D. Wis.), 152 F. 466.

**381,969** Electric motor, N. Tesla, May 1, 1888, valid, infringed, (C. C. E. D. Wis.), 152 F. 466.

**382,172** Apparatus for testing pipes, G. W. Lutz, May 1, 1888, anticipates 903,973, (C. C. D. N. J.), 189 F. 630.

**382,279** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elect. Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co. v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686, E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported.

**382,280** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elect.Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co. v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686,

E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported; valid, infringed, (C. C. E. D. Wis.), 152 F. 466.

**382,281** Electric motor, N. Tesla, May 1, 1888, valid, infringed, (C. C. E. D. Wis.), 152 F. 466.

**387,205** Steam engine governor, J. Begtrup, Aug. 7, 1888, claims 1 to 6 anticipated by 322,637, (C. C. W. D. Pa.), 163 F. 527.

**388,366** Stamp canceling machine, Laas & Hey, Aug.21, 1888, not infringed, (C. C. A. 1st Cir.), 156 F. 362.

**390,439** Rotary converter, C. S. Bradley, Oct. 2, 1888, bill of complaint dismissed by stipulation, (No. 53, D. N. J.), General Electric Co. v. Bullock Electric Mfg. Co.; (No. 10,299, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.

**392,973** Bicycle, W. E. Smith, Nov. 13, 1888, void, (C. C. N. D. Ill. E. D.), 177 F. 419; void, (C. C. A. 7th Cir.), 193 F. 649.

**393,317** Arched suspender for overhead electric conductors. C. J. Van Depoele, Nov. 20, 1888, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

**394,039** System of suspending conductors, C. J. Van Depoele, Dec. 4, 1888, on demurrer to bill, (C. C. E. D. N. Y.), 155 F. 543.

## 1889

**396,311** Hooked suspender for electric railway conductors, C. J. Van Depoele, Jan. 15, 1889, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

**396,312** Suspension device for electric railway conductors, C. J. Van Depoele, Jan. 15, 1889, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

**397,860** Machine for molding tubes or cylinders, H. G. Keasbey, Feb. 12, 1889, decree ordered declaring valid, claim 1 infringed, (C. C. E. D. Pa.), 148 F. 91.

**398,625** Cash register, W. Koch, Feb. 26, 1889; appeal dismissed, (C. C. A. 3rd Cir.), 151 F. 1021.

**399,801** Alternate-current inductor, Thomson & Wightman, March 19,1889, infringes claim 1 of 511,915 and claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.

**400,346** Barrel washer, H. E. Klamt, Mar.26, 1889, not infringed, (C. C. A. 7th Cir.), 147 F. 229.

**402,140** Machine for shaping sheet metal pipes, J. A. Carr, Apr. 30, 1889, not infringed, (C. C. S. D. Ohio, W. D.), 147 F. 530.

**404,271** Trap, L. T. Follansbee, May 28, 1889, suit to clear title successful, (C. C. W. D. N. Y.), 189 F. 382.

**404,272** Time-lock, B. Frese, May 28, 1889, suit to clear title successful, (C. C. W. D. N. Y.), 189 F. 382.

**408,681** Sled, S. L. Allen, Aug. 13, 1889, held to anticipate 797,-338, (C. C. N. D. N. Y.), 178 F. 287.

**409,449** Electrical distribution, C. S. Bradley, Aug. 20, 1889, no testimony taken, (No. 27,616, N.D. Ill.), General Electric Co. v. So. Chicago City Ry. Co., not reported.

**409,450** Rotary converter, C. S. Bradley, Aug. 20, 1889, bill of complaint dismissed by stipulation, (No. 53, D. N. J.), General Electric Co. v. Bullock Electric Mfg. Co.; (No. 10,299, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.

**410,307** Combined steam harvesters and thrashers, Daniel Bert, Sept. 3, 1889, not a pioneer patent (jury erroneously instructed), (C. C. A. 9th Cir.), 172 F. 409.

**411,131** Furnace for reheating glassware, H. Schulge-Berge, Sep. 17, 1889, claim 1 not infringed, (C. C., W. D. Pa.), 147 F. 254; not infringed, (C. C. A. 3rd Cir.), 149 F. 1003.

**411,947** Rheostat, M. J. Wightman, Oct. 1, 1889, not infringed by 687,569, (C. C. E. D. N. Y.), 164 F. 425.

**412,704** Shoe sewing machine, French & Meyer, Oct.8, 1889, term expired with British patent 13,366 of 1888, (C. C. D. Mass.), 148 F. 31; (C. C. A. 1st Cir.), 155 F. 842.

**412,963** Grass twine, G. A. Lowry, Oct. 15, 1889, void, (C. C. A. 7th Cir.), 159 F. 140.

**415,321** Rotary printing machine, J. L. Firm, Nov. 19, 1889; on accounting before master, (C. C. D. N. J.), 148 F. 393; 148 F. 394.

**418,439** Dust shield for car axle boxes, J. A. Brill, Dec. 31, 1889, infringes claim 1 of 239,702, (C. C. A. 3rd Cir.), 200 F. 749.

## 1890

**418,678** Electric switch for motor, H. H. Blades, Jan. 7, 1890, valid, claims 1 and 4 infringed by 777,637, (C. C., E. D. Wis.), 147 F. 266.

**422,746** Electric induction apparatus, M. Dobrowolsky, Mar. 4, 1890, Court of Appeals affirmed decision of lower court Aug. 11, 1906. accounting had before master, (D. Ind.), General Electric Co. v. Kuhlman Electric Co.; discontinued May 18, 1907 by stipulation, (No. 10,296, D. Ind.), General Electric Co. v. Winona Interurban Ry.Co. and Allis-Chalmers Co., not reported; valid, infringed, (C. C. A. 7th Cir.), 147 F. 709.

**423,317** Incandescent gas lamp, A. Heald, Mar. 11, 1890; not infringed, (C. C. A. 2nd Cir.), 151 F. 1023.

**423,998** Brake shoe, C. Herron, Mar. 25, 1890, claim 2 void, (C. C. A. 7th Cir.), 152 F. 700, 152 F. 703.

**424,291** Apparatus for recording measurements of time, space or quantity, Emery M. Hamilton, March 25, 1890, claim 1 not infringed, (C. C. A. 2d Cir.), 187 F. 276.

**424,436** Electric railway motor, F. J. Sprague, Mar. 25, 1890, no proofs taken in rebuttal since defendant's proofs closed Aug. 11, 1906, order dismissing bill by consent Dec. 2, 1908, (No. 1916, N. D. Ohio), Sprague Electric Co. v. Toledo etc. Co., not reported.

**424,695** Traveling contact for electric railways, C. J. Van Depoele, April 1, 1890, not infringed, (C. C. A. 7th Cir.), 152 F. 631.

**424,905** Metal weather window strip, A. C. Sims, April 1, 1890, valid, infringed, (C. C. W. D. Pa.), 147 F. 741; accounting for profits and damages, (C. C. W. D. Pa.), 182 F. 654; decree 182 F. 654 modified, (C. C. A. 3d Cir.), 186 F. 490; anticipates claims 1 and 2 of 694,062, (C. C. A. 8th Cir.), 187 F. 837.

**424,944** Surgical pump, E. E. Allen, Apr. 8, 1890, claims 1, 2, 6, 7 and 8 valid, infringed, (C. C. N. D. Ill., N. D.), 162 F. 907.

**425,416** Water closet, Frame & Neff, April 15,1890, decree granting preliminary injunction affirmed, (C. C. A. 3rd Cir.), 150 F. 581.

427,025 Brake for cornice machines, J. White, April 29,1890, not infringed, (C. C. D. N. J.), 166 F. 898; not infringed, (C. C. A. 3rd Cir.), 175 F. 67.

428,169 See Reissue 11,918.

428,432 Concrete curbing, H. H. Wainwright, May 20,1890, void, (C. C. E. D. La.), 155 F. 279.

428,650 Alternating-current magnetic device, Elihu Thomson, May 27, 1890, infringes claim 1 of 511,915 and claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.

428,968 Mail box, H. V. Snead et al., May 27, 1890, decree below dismissing the bill reversed, (C. C. A. 6th Cir.), 175 F. 570.

429,874 Stone sawing machine, G. N. Williams, Jr., June 10,1890, decree (155 F. 753) affirmed, (C. C. A. 2nd Cir.), 166 F. 306.

430,868 Current regulator, C. O. Mailloux, June 24, 1890, claims 2 and 6 not infringed by 651,664, (C. C. S. D. N. Y.), 148 F. 695; claims 2 and 6 valid, not infringed, (C. C. A. 2nd Cir.), 158 F. 610.

431,823 Electric railway motor, F. J. Sprague, July 8, 1890, order dismissing bill by consent Dec. 2, 1908, (No.1917, N. D. Ohio), Sprague Electric Co. v. Toledo etc. Co. not reported.

433,686 Track sanding apparatus, H. L. Leach, Jr., Aug. 5, 1890, claims 1 and 2 valid, infringed, (C. C. D. Del.), 154 F. 79; valid, infringed, (C. C. A. 3rd Cir.), 162 F. 683.

433,791 Coil clasp for fastening belts, C. Jackson, Aug. 5, 1890, void as to belts, (C. C. A. 3rd Cir.), 147 F. 713.

434,677 Riveting machine, G. Pardy, Aug. 19, 1890, decree below holding void reversed, (C. C. A. 9th Cir.), 148 F. 631.

435,613 Book-sewing machine, Reynolds & Jacobs, Sep. 2, 1890, claims 3 and 15 void, (C. C. A. 2nd Cir.), 149 F. 208.

435,870 Suspending device for over-head electric conductors, Elihu Thomson, Sept. 2, 1890, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

435,958 Method of regulating electrically operated mechanism, M. J. Wightman, Sept. 9, 1900, no testimony taken in rebuttal by complainant since defendant's proofs closed Sept. 1, 1908, (No. 6019, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co., not reported.

**436,916** Tabulating attachment for typewriter, J. B. Gathright, Sep. 23, 1890, claims 4 and 5 valid, infringed, (C. C. A. 2nd Cir.), 151 F.585; preliminary injunction granted, (C. C. S. D. N Y.), 155 F. 138; claims 4 and 5 infringed, (C. C. S. D. N. Y.), 156 F. 588; plea overruled, (C. C. S. D. N. Y.), 158 F. 476; claims 4 and 5 valid, infringed, (C. C. S. D. N. Y.), 165 F. 927; application for an order limiting master on accounting, (C. C., S. D. N. Y.), 171 F. 116; claims 4 and 5 infringed, (C. C. W. D. Mich. S. D.), 181 F. 530; (C. C. S. D. N. Y.), 181 F. 541.

**439,684** Sectional steam boiler, N. W. Pratt, Nov. 4, 1890, claim 5 not infringed, (C. C. D. N. J.), 151 F. 265.

**440,020** Socket member of glove fastener, L. A. Douillet, Nov. 4, 1890, void, (C. C. S. D. N. Y.), 147 F. 736.

**440,866** Preparation of cereals, F. Lauhoff, Nov. 18, 1890, decree after accounting, (C. C. A. 6th Cir.), 216 F.610.

**441,311** Hog-hoisting machine, D. C. Mahoney, Nov. 25, 1890, not infringed, (C. C. A. 1st Cir.), 158 F. 818.

**442,531** Store service ladder, E. M. Murray, Dec. 9, 1890, infringed, (C. C. A. 7th Cir.), 153 F. 369; construed and rule for computing profits stated, (C. C. A. 7th Cir.), 163 F. 54.

**442,855** Furnace for reheating glassware, M. R. Caldwell, Dec. 16, 1890, claims 3, 5 and 7 not infringed, (C. C., W. D. Pa.), 147 F. 254; not infringed, (C. C. A. 3rd Cir.), 149 F. 1003.

**443,248** Escape mechanism, A. Bannatyne, Dec. 23, 1890, not infringed, (C. C. E. D. Pa.), 147 F. 522.

## 1891

**444,530** See reissue 12,393.

**444,684** Clock pinion, A. Bannatyne, Jan. 13, 1891, not infringed, (C. C. E. D. Pa.), 147 F. 522.

**444,900** Regulating apparatus for electric motors, M. J. Wightman, Jan. 20, 1901, no testimony taken in rebuttal by complainant since defendant's proofs closed Sept. 1, 1908, (No. 6019, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co., not reported.

**445,207** Electro-magnetic motor, Nikola Tesla, Jan. 27, 1891, does not anticipate claim 1 of 511,915 or claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.

**445,235** Pulp digester, G. F. Russell, Jan. 27, 1891, demurrer overruled, (C. C., D. Oregon), 169 F. 140, (see reissue 11,282.

**446,230** Grain drill, W. F. Hoyt, Feb. 10, 1891, valid, infringed, (C. C. A. 8th Cir.), 153 F. 177; prior decree modified, (C. C. A. 6th Cir.), 160 F. 948; construed and rule for measure of damages stated, (C. C. A. 6th Cir.), 162 F. 472; decree awarding nominal damages, (C. C. A. 8th Cir.), 183 F. 314; decree of lower court reversed with directions to recommit to a master, (U. S. Sup. Ct.), 235 U. S. 641.

**446,985** Trolley wire hanger, C. H. Mackoskie & W. E. Baker, Feb. 24, 1891, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

**447,757** Incandescent gas burner and method of using the same, H. C. Campbell, Mar. 10, 1891, void, (C. C., D. R. I.), 150 F. 583.

**448,617** Bracelet, T. C. Hudson, Mar. 17, 1891, void, (C. C. D. R. I.), 173 F. 622.

**448,894** Electric meter, E. Thomson, Mar. 24, 1891, held to have expired with British patent, (C. C. A. 1st Cir.), 153 F. 883.

**449,668** Separating and filling machine for confectioners' use, N. A. Clacker, Apr. 7, 1891, claims 1 to 4, defendant bound by prior adjudication, (C. C., E. D. Wis.), 163 F. 914; decree affirmed,(C. C. A. 7th Cir.), 170 F.1021.

**449,959** Ball bearing, G F. Simonds, April 7, 1891, not infringed by 686,617, (C. C.. E. D. Pa.), 147 F. 721; claim 1 not infringed, (C. C. A. 3rd Cir.), 149 F. 219.

**449,968** Ball bearing, G. F. Simonds, April 7, 1891, not infringed by 686,617, (C. C., E. D. Pa.), 147 F. 721; not infringed, (C. C. A 3rd Cir.), 149 F. 219.

**450,360** Apparatus for conveying and cooling metal plates, H. Aiken, April 14, 1891, valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 691; (C. C. A. 6th Cir.), 163 F.254.

**450,592** Tabulating attachment for typewriters, J. H. Schulte, April 14, 1891, claim 9 void, if conceded validity not infringed, (C. C. A. 2nd Cir.), 151 F. 576.

**452,268** Tabulating attachment for typewriters, J. B. Gathright, May 12, 1891, not infringed, (C. C. A. 2nd Cir.), 151 F. 585; plea overruled, (C. C. S. D. N. Y.), 158 F.476; not infringed, (C. C. W. D. Mich. S. D.), 181 F. 530.

**453,032** Automatic switch mechanism, H. H. Blades, May 26, 1891, claims 1, 2 and 5 not infringed, (C. C. S. D. N. Y.), 153 F. 197; (C. C. A. 2nd Cir.), 159 F. 447.

**454,115** Pneumatic tire, T. B. Jeffery, June 16, 1891, claims 1 to 6 not infringed, (C. C. W. D. Pa.), 155 F. 982; (C. C. A. 3rd Cir.), 161 F. 337; not infringed, (C. C. S. D. N. Y.), 169 F. 831; not infringed, (C. C. A. 2nd Cir.), 177 F. 691.

**454,638** Waterwheel bucket, W. G. Dodd, June 23, 1891, not infringed by 633,184, (C. C. A. 9th Cir.), 151 F. 29.

**454,791** Loom, A. E. Rhoades, June 23, 1891, claim 5 valid, infringed, (C. C. A. 1st Cir.), 161 F. 728.

**454,964** Steam heating apparatus, W. E. Hall, June 30, 1891, void, (C. C. A. 8th Cir.), 181 F. 836.

**457,102** Electric railway motor, N. C. Bassett, Aug. 4, 1891, defendants testimony closed July 31, 1907, no testimony taken as yet in rebuttal by complainant, (No. 1918, N. D. Ohio), Thomson-Houston Electric Co. v. Toledo etc. Co.; no testimony taken since filing of replication Apr. 1, 1907, (No. 5353, D. N. J.), Thomson-Houston Electric Co. v. Allis-Chalmers Co., not reported.

**457,258** Typewriter, J. D. Daugherty, Aug. 4, 1891, held to limit the scope of 481,477, (C. C. W. D. Pa.), 173 F. 288; (C. C. A. 3rd Cir.), 181 F. 966.

**457,331** Staking machine, G. V. Anderson, Aug. 4, 1891, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.

**457,706** Car heating apparatus, R. M. Dixon, Aug. 11, 1891, not infringed, (C. C. N. D. N. Y.), 160 F. 476.

**458,162** Alternating-current electric motor, L. Gutman, Aug. 25, 1891, claim 8 void, (C. C. A. 8th Cir.), 192 F. 564.

**458,647** Process of obtaining glycerine from soap-makers' waste, J. Van Ruymbeke, Sep. 1, 1891, suit on contract, (C. C. D. R. I.), 184 F. 463.

**458,648** Plant for treating soap-makers' waste to obtain glycerine, J. Van Ruymbeke, Sep. 1, 1891, suit on contract, (C. C. D. R. I.), 184 F. 463.

**459,794** Rheostat, S. H. Short, Sep. 22, 1891, not infringed by 687,569, (C. C. E. D. N. Y.), 164 F. 425.

**460,037** Stocking and method of making same, B. F. Shaw, Sep. 22, 1891, claim 2 valid, infringed, (C. C. E. D. Pa.), 154 F. 67, claim 2 void, (C. C. A. 3rd Cir.), 157 F. 928.

**460,262** Decrementally-hardened armor-plate, H. A. Harvey, Sept. 29, 1891, anticipates claim 5 of 534,178, (C. C. A. 3rd Cir.), 191 F. 588; judgment in claimant's favor, 46 Ct. of Cls. 298.

**460,426** Draw-bar attachment, F. E. Canda, Sep. 29, 1891, decree on master's report modified and reversed, (C. C. A. 6th Cir.), 152 F. 178.

**463,704** Electric motor and dynamo, A. L. Parcelle, Nov. 24,1891, bill of complaint dismissed by stipulation May 5,1908, (No. 10,698, D. Ind.), General Electric Co. v. Allis-Chalmers Co. and Winona Co.; preliminary injunction granted Aug. 27, 1907, no testimony taken, (M. D. Tenn.), General Electric Co. v. City of Nashville; case at issue Dec. 1907, motion for injunction not brought to hearing, no testimony taken, (D. W. Va.), General Electric Co. v. Electro-Metallurgical Co.; Court of Appeals on Mar. 5, 1907, reversed decision of Circuit Court and sustained the patent, (No. 5653, S. D Ohio), General Electric Co. v. Bullock Electric Co. not reported; claim 1 valid, infringed, (C. C. A. 6th Cir.), 152 F. 427.

**465,255** Recording computing machine, D. E. Felt, Dec. 15, 1891, validity and infringement doubtful, preliminary injunction denied, (C. C. D. R. I.), 129 F. 394.

**466,081** See reissue 11,639.

## 1892

**466,557** Process of duplicating typewritten work, A. B. Dick, Jan. 5, 1892, void, (C. C. S. D. N. Y.), 160 F. 690.

**466,565** Wheel tire, T. B. Jefferey, Jan. 5, 1892, claim 7 not infringed, (C. C. W. D. Pa.), 155 F. 982.

**466,577** Wheel tire, F. Schrader, Jan. 5,1892, claim 2 not infringed, (C. C. D. Mass.), 156 F. 787; (C. C. A. 1st Cir.), 164 F. 557.

**466,815** Ironing machine, Fred C. Wendell, Jan. 12, 1892, claims 1 to 4 void, (C. C. N. D. N. Y.), 171 F. 870; decree of court below holding claims 1 to 4 void affirmed, (C. C. A. 2nd Cir.). 177 F. 1001.

**467,476** Pneumatic straw-stacker, James Buchanan, Jan.19,1892, not limited by prior art, (C. C. A. 7th Cir.), 154 F.365

**468,258** Bottle sealing device, W. Painter, Feb. 2, 1892, valid and infringed, (C. C. N. D. Ill. E. D.), 174 F. 252.

**468,780** Blank book, F. Bowman, Feb. 16, 1892, claim 2 void, (C. C. S. D. N. Y.), 159 F. 485.

**469,744** Shipping package, C. L. King, Mar. 1, 1892, preliminary injunction denied, demurrer sustained, (No. 25,997, C. C. N. D. Ill.), King & Co. v. Julander, Waldo for complt., G. S. Noble for dft., not reported.

**469,809** System of electrical distribution, W. Stanley, Jr., Mar. 1, 1892, claims 1 and 3 valid, infringed, (C. C. A. 2nd Cir.), 153 F. 890; not anticipated, (C. C. A. 2nd Cir.), 156 F. 582; case at issue Feb. 1, 1909, no testimony taken, (D. N. J.), Westinghouse Co. v. Allis-Chalmers Co., not reported; claims 1 and 3 not infringed, (C. C. W. D. Pa.), 194 F. 888; not infringed, (C. C. A. 3rd Cir.), 202 F. 759.

**470,052** Underfeed furnace, E. W. Jones, Mar. 1, 1892, claims 6 and 9 valid, infringed by 792,862, (C. C. D. R. I.), 165 F. 65.

**470,591** Feed mechanism for lathes, W. P. Norton, Mar. 8, 1892, claims 2 to 7 not infringed by 787,537,(C. C. D. Mass.), 155 F. 133; (C. C. A. 1st Cir.), 162 F. 481.

**470,813** Electric railway signal apparatus, A. J. Wilson, Mar.15, 1892, valid, infringed, (C. C. W. D. N. Y.), 168 F. 62; claim 1 valid and infringed, (C. C. A. 2nd Cir.), 169 F. 290.

**470,990** Typewriter, J. D. Daugherty, Mar. 15, 1892, held to limit the scope of 481,477, (C. C. W. D. Pa.), 173 F. 288; (C. C. A. 3rd Cir.), 181 F. 966.

**471,063** Electric elevator, R. C. Smith, Mar. 15, 1892, bill dismissed, license given to defendant, (D. N. J.), Otis Elevator Co. v. Bullock Electric Co., not reported.

**471,264** Ore roasting furnace, H. F. Brown, Mar. 22, 1892, judgment dismissing action at law affirmed, (C. C. A. 8th Cir.), 148 F. 838; appeal from final decree entered upon accounting affirmed, (C. C. A. 8th Cir.), 179 F. 309.

**472,094** Sewing machine, Willcox & Borton, Apr. 5, 1892, claim 1 not infringed, (C. C. D. N. J.), 161 F. 743.

**472,607** Apparatus for feeding cotton to gins, S. D. Murray, Apr. 12, 1892, valid, claims 1, 2, 9 and 12 infringed, (C. C. A. 3rd Cir.), 149 F. 989; claims 1, 2, 9 and 12 not infringed, (C. C. N. D. Ga.), 181 F. 111.

**472,804** Metal planer, J. S. Detrick, April 12, 1892, infringed by 783,223, (C. C. D. Md.), 156 F. 777.

**473,019** Corrugating machine, W. J. Plecker, April 19, 1892, claim 1 valid, infringed, claim 8 void, (C. C., S. D. Ohio, W. D.), 147 F. 528.

**473,776** Method of and means for bottling liquids and sealing bottles, W. Painter, Apr. 26, 1892, decree modified and affirmed, (C. C. A. 2nd Cir.), 200 F. 592.

**474,158** Air brush, C. L. Burdick, May 3, 1892, valid, infringed, (C. C. A. 7th Cir.), 148 F. 227.

**474,536** Spring support for chair seats, J. A. Staples, May 10, 1892, claims 1 and 3 infringed by one structure and not by another, (C. C. A. 1st Cir.), 148 F. 16; decree granting preliminary injunction and allowing defendant to continue business on giving bond affirmed, (C. C. A. 6th Cir.), 148 F. 19; claims 1 and 3 valid, infringed, (C. C. A. 6th Cir.), 161 F. 733.

**474,811** Baking powder, C. A. Catlin, May 17, 1892, not infringed, (C. C. D. N. J.), 148 F. 862; decree affirmed, (C. C. A. 3rd Cir.), 154 F. 65; infringed, (C. C. A. 2nd Cir.), 159 F. 436; question of contract, (C. C. A. 2nd Cir.), 176 F. 525.

**475.401** Oil burner, W. R. Jeavons, May 24, 1892, claim 1 valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 562; claim 1 valid, not infringed, (C. C. A. 6th Cir.), 158 F. 978.

**476,028** Safety attachment for trolleys, M. A. Yeakley, May 31, 1892, preliminary injunction denied, (C. C. N. D. N. Y.), 157 F. 241.

**476,230** Hot-air furnace, W. W. Kelsey, May 31, 1892, claim 5 valid, infringed, (C. C. E. D. Pa.), 155 F. 976; on motion for contempt, (C. C., E. D. Pa.), 158 F. 414; claim 5 void, (C. C. A. 3rd Cir.), 158 F. 622; void, (C. C. A. 3rd Cir.), 160 F. 476.

**477,584** Can heading machine, M. A. Wheaton, June 21, 1892, not infringed by 796,928, (C. C. D. Md.), 156 F. 784.

**478,344** Electrical distribution, H. W. Leonard, July 5, 1892, infringed, (D. N. J.), Bullock Electric Co. v. Crocker-Wheeler Co.; defendant's proofs closed July 21,1908, awaiting complainant's rebuttal proofs, (No. 28,196, N. D. Ill.), Bullock Electric Co. and H. W. Leonard v. General Electric Co.; no testimony taken, (No. 27, May term 1906, W. D. Pa.), Bullock Co. and H. W. Leonard v. Westinghouse Co., not reported.

**480,029** Conveying apparatus, C. M. North, Aug. 2, 1892, claims 1, 6, 7, 8, 9, 10 valid, infringed, (C. C. D. N. J.), 150 F. 364; not infringed by 829,911, infringed by another device, (C. C. A. 3rd Cir.), 154 F. 372.

**480,515** Hose clamp, L. H. Redfield, Aug. 9, 1892, infringed, (C. C. N. D. N. Y.), 152 F. 188; making of specified device not in violation of license, (C. C. A. 2nd Cir.), 157 F. 554.

**481,254** Hair-clipper, C. Carleton, Aug. 23, 1892, valid but not infringed by 588,954 and 802,070, (D. C. D. Mass.), 195 F. 84; not infringed, (C. C. A. 1st Cir.), 200 F.149.

**481,477** Typewriter, J. D. Daugherty, Aug. 23, 1892, claims 37 and 38 not infringed, (C. C. W. D. Pa.), 173 F. 288; claims 37 and 38 void for double patenting, (C. C. A. 3rd Cir.), 181 F. 966.

**481,739** Electric motor and regulating device therefor, F. J. Sprague, Aug. 30, 1892, bill dismissed by stipulation, (D. N. J.), Sprague Electric Co. v. Allis-Chalmers Co. & Bullock Co., not reported.

**482,899** Menu card, F. C. Gellenbeck, Sept. 20, 1892, valid and infringed, (C. C. N. D. Ill.), 210 F. 285.

**483,435** Atomizer, H. M. Dunlap, Sep. 27, 1892, claim 2 not infringed, (C. C. A. 8th Cir.), 151 F. 223.

**483,511** Printing attachment for cash register, H. Cook, Sep. 27, 1892, on motion for preliminary injunction, held not infringed, (C. C. S. D. N. Y.), 148 F. 385; infringed, (C. C. A. 2nd Cir.), 153 F. 905.

**483,646** Process of making artificial mica sheets for insulation, A. H. S. Dyer, Oct. 4, 1892, not infringed, (C. C. N. D. Ill., E. D.), 157 F. 90; claim 1 valid, infringed, (C. C. A. 7th Cir.), 166 F. 440.

**483,732** Commutator for electric machine, N. C. Bassett, Oct. 4, 1892, argued at final hearing before Judge Thompson on Nov. 23, 1905; bill of complaint dismissed by stipulation, (No. 5778, S. D. Ohio), Thomson-Houston Co. v. Bullock Electric Co., not reported.

**486,812** Track for hay-carriers, B. Taylor, Nov. 22, 1892, claim 1 void, (D. C. N. D. Ohio, E. D.), 211 F. 469.

**488,179** Trolley stand for electric cars, E. M. Bentley, Dec. 20, 1892, not infringed, (No. 27,376, N. D. Ill.), General Elec. Co. v. Morgan Gardner Elec. Co.; Betts, Sheffield, Bentley & Betts for complt., G. S. Noble for dft. not reported.

**488,761** See Reissue 12,405.

## 1893

**489,657** Poultry car, F. X. Mudd, Jan. 10, 1893, charge of the bill relative to the infringement of this patent, abandoned, (C. C. D. Mass.), 178 F. 992.

**489,682** Socket for electric lamps, A. Metzger, Jan. 10, 1893, motion for costs denied, motion for order directing payment of cost of taking testimony granted, (C. C. N. D. N. Y.), 147 F. 718; not infringed, (C. C. A. 2nd Cir.), 152 F. 437.

**490,034** Electric heater, T. E. Morford, Jan. 17, 1893, demurrers overruled, answer required, (C. C. S. D. N. Y.), 147 F. 744; not infringed, (C. C. S. D. N. Y.), 180 F. 763; not infringed, (C. C. A. 2nd Cir.), 200 F. 581.

**490,105** Combined churn and butter worker, R. B. Disbrow, Jan. 17, 1893, judgment for defendants affirmed, (C. C. A. 8th Cir.), 179 F. 115; decree (179 F. 115) affirmed, (U. S. Sup. Ct.), 227 U. S. 8.

**490,214** Draft-equalizer, P. V. Schandoney, Jan. 17, 1893, valid and infringed, prior unreported adjudication noted, (C. C. D. Oregon), 189 F. 631.

**490,738** Stop device for hay carrier, J. H. Burkholder, Jan. 31, 1893, not infringed, (C. C. A. 7th Cir.), 148 F. 686.

**490,849** Ore concentrator G. Johnston, Jan. 31, 1893, bill filed Feb. 9, 1909, (N. D. Cal.), Risdon Iron & Locomotive Works v. Allis-Chalmers Co., not reported.

**490,877** Book-trimming machine, Lovell & Bredenburg, Jan. 31, 1893, claims 3, 4, 5 and 9, not infringed, (C. C. S. D. N. Y.), 159 F. 736; not infringed, (C. C. A. 2nd Cir.), 169 F. 288.

**491,151** Overhead tramway, P. F. Werner, Feb. 7, 1893, if valid not infringed, (C. C. A. 6th Cir.), 171 F. 656.

**491,761** Car seat, Aze & Gilfillan, Feb. 14, 1893, claims 2 to 5, 10 and 11 valid, infringed, (C. C. N. D. N. Y.), 152 F.453.

**492,913** Electric lamp lighter, J. C. Chambers, Mar. 7, 1893, owner restrained from bringing further suits against one Kessler or his customers, (U. S. Sup. Ct.), 206 U. S. 285.

**492,951** Apparatus for straightening metal plates, H.Aiken, Mar. 7, 1893, valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 691; (C. C. A. 6th Cir.), 163 F. 254.

**493,216** Track hanger for hay carrier, W. Louden, Mar. 7, 1893, void, (C. C. A. 7th Cir.), 148 F. 686.

**493,337** Armature for dynamos, H. F. Parshall, Mar. 14, 1893, no testimony taken since filing replication Aug. 7, 1905, (D. N. J.), Thomson-Houston Co. v. Bullock Electric Co.; no testimony taken since filing replication, (No. 7074, N. D. N. Y.), Thomson-Houston Co. v. Pittsburg Reduction Co., not reported.

**493,461** Thread controlling device for sewing machines, R. G. Woodward, Mar. 14, 1893, valid, infringed, (C. C. E. D. Pa.), 161 F. 748; (C. C. A. 3d Cir.), 165 F. 440; exceptions to master's report overruled, profits award-

ed, (C. C. E. D. Pa.), 185 F. 120; exceptions to master's report overruled, profits awarded, (C. C. A. 3d Cir.), 187 F. 123.

**493,734** Straw stacker, J. W. Nethery, Mar. 21, 1893, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.

**493,736** Car starter, J. Ripberger, Mar. 21, 1893, valid, infringed, (C. C. A. 7th Cir.), 147 F. 241.

**495,383** Overhead contact device and switch, Charles J. Van Depoele, April 11, 1893, claims 1, 2, 3, 8, 9, 11, 12 and 13, void, (C. C. D. N. J.), 171 F. 111.

**495,443** See Reissue 11,872.

**497,408** Electrical railway signal, William H. Jordan, May 16, 1893, valid, not infringed, (C. C. E. D. N. Y.), 169 F. 413.

**497,482** Shunt for electric light and power stations, Edward Weston, May 16, 1893, triple damages awarded for infringement, (C. C. S. D. N. Y.), 155 F. 301; on exceptions to master's report, (C. C. S. D. N. Y.), 166 F. 867.

**497,971** Pneumatic tire, P. W. Tillinghast, May 23, 1893, claim 2 valid and infringed, (C. C. W. D. Pa.), 174 F. 50; claim 2 valid and infringed, (C. C. A. 3rd Cir.), 178 F. 452.

**499,294** Cash register, C. A. Juengst, June 13, 1893, void because of prior sale, (C. C. A. 2nd Cir.), 178 F. 79.

**499,411** Electric signaling apparatus for elevators, C. G. Armstrong, June 13, 1893, claims 1, 2, 3, 7, 8 and 10 to 16 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.

**499,769** Automatic switch, G. H. Whittingham, June 20. 1893, motion to amend mandate granted, (C. C. A. 2nd Cir.), 148 F. 1017; claims 4 to 8 valid and infringed, (C. C. N. D. Ill., E. D.), 183 F. 776.

**500,071** Method and means for registering and checking cash accounts, J. T. Hicks, June 20, 1893, void, (C. C. S. D. N. Y.), 155 F. 298; (C. C. A. 2nd Cir.), 160 F. 467.

**500,149** Air lock, D. E. Moran, June 27, 1893, claim 2 not infringed, claim 3 void, (C. C. S. D. N. Y.), 150 F. 338; claim 2 infringed, claim 3 void, if valid, not infringed, (C. C. A. 2nd Cir.), 160 F. 933.

**500,371** Music box, Brachhausen & Reissner, June 27, 1893, void, (C. C. A. 2nd Cir.), 148 F. 1021.

**500.780** Metal piling, A. Simon, July 4, 1893, valid but not infringed by device of patent No. 707,837, (C. C. N. D. Ill., N. D.), 182 F. 398; not infringed by 707,837, (C. C. A. 7th Cir.), 195 F. 759.

**501,367** Magazine gun, A. H. Russell, July 11, 1893, claims 4, 8 and 29 held not infringed, (C. C. D. Conn.), 148 F.388.

**502,378** Machine for the preparation of cereals for food, Perky & Ford, Aug. 1, 1893, claims 1 and 2 valid and infringed, (C. C. N. D. Ill., E. D.), 188 F. 213.

**502,541** Electric safety fuse, Carl Thalacker, Aug. 1, 1893, claims 1, 2 and 4 valid, not infringed, (C. C. D. Mass.), 170 F. 593; claims 1, 2 and 4 valid and infringed, (C. C. A. 1st Cir.), 173 F. 790; valid and infringed, (C. C. S. D. N. Y.), 177 F. 275.

**502,840** Metal joint for fences, J. T. Ward, Aug. 8, 1893, claims 2 and 3 valid and infringed, (C. C. E. D. Pa.), 173 F. 922.

**503,099** Telephone switchboard signaling system, C. E. Scribner, Aug. 8, 1893, claim 7 held valid and infringed May 14, 1908, (C. C. S. D. Ohio, E. D.), Western Electric Co. v. Zannville Telephone & Telegraph Co.; (C. C. D. Ind. E. D.), Western Electric Co. v. United Telephone Co.; (C. C. N. D. Ohio), Western Electric Co. v. Mansfield Telephone Co., for compl., Barton, Tanner & Folk, for dft., Charles C. Bulkley, not reported.

**503,870** Endless chain conveyor, G. W. McCaslin, Aug. 22, 1893, claims 2 and 4 not infringed, (C. C. A. 2nd Cir.), 147 F. 243.

**504,401** Armature for dynamos, J. T. Morrow, Sept. 5, 1893, Circuit Court on Aug. 12, 1907 held claim 2 valid and infringed and the Court of Appeals on May 5, 1908 reversed this decision, (D. N. J.), General Electric Co. v. Bullock Electric Co.; no testimony taken since filing of replication, (No. 7073, N. D. N. Y.), General Electric Co. v. Pittsburg Reduction Co., not reported; claim 2 valid, infringed, (C. C. D. N. J.), 155 F. 740; claim 2 void, (C. C. A. 3rd Cir.), 162 F. 28.

**505,240** Apparatus for charging liquids with carbonic acid gas, J. F. Theurer, Sept. 19, 1893, claim 3 valid and infringed, (C. C. S. D. N. Y.), 175 F. 781.

**507,281** Cooking utensil, A. W. Obermann, Oct. 24, 1893, motion for preliminary injunction denied, (C. C. A. 2nd Cir.), 176 F. 557; exceptions to answer sustained in part, (C. C. S. D. N. Y.), 178 F. 106.

**507,875** Corset stay, M. M. Beeman, Oct. 31, 1893, infringed, (C. C. W. D. Pa.), 180 F. 470; not infringed, (C. C. A. 3d Cir.), 183 F. 984.

**508,462** Machine for uniting nap-bats to hat-bodies, W. A. Baglin, Nov. 14, 1893, not void on its face on demurrer, (C. C. A. 1st Cir.), 185 F. 814.

**508,637** Armature core, H. G. Reist, Nov. 14, 1893, Court of Appeals on Nov. 8, 1906 reversed decision of Circuit Court and held patent invalid, (No. 5654, S. D. Ohio), General Electric Co. v. Bullock Electric Co., not reported; void, (C. C. A. 6th Cir.), 149 F. 409; claims 2, 4 and 6 void, (C. C. A. 7th Cir.), 159 F. 934.

**508,898** Electrical distribution, W. S. Moody, Nov. 14, 1893, complainants closed rebuttal proofs May 2, 1910, (No. 10,776, D. Ind.), General Electric Co. v. Winona Co., not reported.

**509,334** Throttle valve, J. E. Stannard, Nov. 21, 1893, claims 1 and 2 not infringed, (C. C. D. Conn.), 151 F. 775; claims 1 and 2 not infringed by 812,279, (C. C. A. 2nd Cir.), 160 F. 79.

**511,559** Method of transmitting electrical power, N. Tesla, Dec. 26, 1893, valid, infringed, (C. C. A. 7th Cir.), 152 F. 704.

**511,560** Split phase motor, N. Tesla, Dec. 26, 1893, claims 1 to 4 valid, infringed, (C. C. A. 7th Cir.), 152 F. 704.

## 1894

**511,915** Electrical transmission of power, Nikola Tesla, Jan. 2, 1894, claim 1 valid, not anticipated by 445,207, infringed by 399,801 and 428,650, (C. C. A. 8th Cir.), 191 F. 350; does not anticipate 555,190, id.

**512,467** Car door fastener, T. Eubank, Jan. 9, 1894, held to anticipate 527,792, (C. C. A. 6th Cir.), 173 F. 918.

**512,553** Straw stacker, Frank F. Landis, Jan. 9, 1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.

**513,272** Stop and waste cock, H. Mueller, Jan. 23, 1894, void, (C. C. N. D. Iowa, E. D.), 164 F. 991.

**513,603** Flexible ventilated eye-guard, H. M. Tileston, Jan. 30, 1894, void, (C. C. A. 7th Cir.), 149 F. 999.

**513,747** Poultry feeder and exerciser, J. G. Whitten, Jan. 30, 1894, claims 1 and 2 valid and infringed, (D. C. S. D. N. Y.), 217 F. 72.

**514,097** Crusher, W. W. Sly, Feb. 6, 1894, claim 1 valid and infringed, (C. C. A. 6th Cir.), 189 F. 61; decree of lower court dismissing case for want of jurisdiction reversed, (C. C. A. 7th Cir.), 201 F. 683.

**514,266** Pneumatic straw elevator, Frank F. Landis, Feb. 6,1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.

**514,705** Can labeling machine, E. W. Cornell, Feb. 13, 1894, valid, not infringed, (C. C., D. Md.), 163 F. 531.

**514,822** Insulating joints and couplings, E. F. Gennert, Feb. 13, 1894, not infringed, (D. C. E. D. Pa.), 209 F. 625.

**514,843** Air lock, W. C. Barr, Feb. 13, 1894, claims 1, 3, 4, 6 and 8 void, (C. C. S. D. N. Y.), 150 F. 338; (C. C. A. 2nd Cir.), 160 F. 933.

**515,296** Hay-carrier, W. Louden, Feb. 20, 1894, valid and infringed, (C. C. W. D. Wis.), 186 F. 522.

**516,768** Breech mechanism for ordnance, Owen F. Leibert, Mar. 20, 1894, on demurrer to bill, (Court of Claims), 42 Ct. Claims, 365

**517,084** Cuff fastener, J. V. Washburne, Mar. 27, 1894, claims 1 and 2 if conceded validity, not infringed, (D. C. D. N. J.), 197 F. 552.

**517,475** Pneumatic straw stacker, J. W. Nethery, Apr. 3, 1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.

**517,680** Machine for engraving characters on metal blanks, Henry A. Chase, April 3, 1894, valid and infringed, (C. C. E. D. N. Y.), 169 F. 647; 170 F. 446.

**518,693** Controlling switch for electric railways, P. Lange et al., Apr. 24, 1894, injunction granted, no testimony taken since filing of replication May 2, 1910, (D. Mass.), Westinghouse Co. v. Shelburne Falls & Colrain St. Ry. Co.; awaiting hearing on motion for injunction, replication filed May 2, 1910, (D. Ind.), Westinghouse Co. v. Winona Co.; motion for injunction granted June 3, 1910, (S. D. Ohio), Westinghouse Co. v. Cincinnati, Milford & Loveland Traction Co.; Westinghouse Co. v. Interurban Ry. & Terminal Co.; bill filed May 21, 1910, motion for preliminary injunction, (No. 598, D. Kans. 3rd Div.), Westinghouse Co. v. Parsons Co.; complainant's prima facie proofs closed July 20, 1908, defendant's proofs not yet completed, (D. N.J.), Westinghouse Co. v. Allis-Chalmers Co. & Bullock Co.; case at issue Oct. 4, 1909, complainant's prima facie proofs not completed, (N. D. Ohio, W.D.), West inghouse Co. v. Toledo etc. Co.; (No. 2154, N. D. Ohio, W. D.), Westinghouse Co. v. Sandusky etc. Co.; motion for preliminary injunction granted, case at issue Feb. 7, 1910, complainant's proofs not completed, (S. D. Ohio, E. D.), Westinghouse Co. v. Bullock Co.; bill filed May 21, 1910, motion for preliminary injunction, (No. 8884, D. Kans. 1st Div.), Westinghouse Co. v. Lawrence Co., not reported; valid and infringed, (C. C. A. 6th Cir.), 171 F. 83; valid, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 186 F. 166.

**519,267** Smoke burning steam boiler furnace, J. McMillan, May 1, 1894, not infringed, (C. C. A. 7th Cir.), 179 F. 401.

**519,862** Starting rotary converters, B. G. Lamme, May 15, 1894, no testimony in rebuttal taken by complainant since defendant closed its proofs May 10, 1907, (No. 10,215, D. Ind.), Westinghouse Co. v. Indianapolis, Shelbyville & Southern Ry. Co., not reported.

**520,123** Inside wall covering, A. Sackett, May 22, 1894, valid, infringed, (C. C. D. N. J.), 167 F. 138.

**521,018** Method of connecting electric wires, J. Y. De Mott, June 5, 1894, not infringed. (C. C. S. D. N. Y.), 177 F. 442.

**521,104** Centrifugal separator for liquids, Daniel J. Davis, June 5, 1894, claim 1 void, (C. C. E. D. Pa.), 187 F. 157; claim 1 not infringed, (C. C. A. 3rd Cir.), 195 F. 80.

**521,461** Annunciator and spring jack for telephone switch boards, H. M. Fisk, June 19,1894, infringement doubtful, preliminary injunction denied, (C. C. N. D. Ill. E. D.), 163 F. 308; valid but not infringed, (C. C. A. 7th Cir.), 194 F. 104.

**521,773** Nursing bottle, W. M. Decker, June 19, 1894, preliminary injunction granted July, 1910, (C. C. Chicago), Decker v. Western Bottle Mfg. Co., not reported; order granting preliminary injunction affirmed, (C. C. A. 7th Cir.), 193 F. 414; claims 1 and 3 valid and infringed, (C. C. N. D. Ill., E. D.), 193 F. 415; valid and infringed, (D. C. N. D. N. Y.), 196 F. 784.

**522,938** Valve movement for pumping engine, Hall & Gage, July 10, 1894, valid, infringed, (C. C. D. Mass.), 155 F.285; (C. C. A. 1st Cir.), 163 F. 263.

**523,139** Thread package, B. L. Armstrong, July 17, 1894, validity doubtful, not infringed, 172 F. 234.

**523,314** Wheel tire, T. B. Jefferey, July 17, 1894, claims 1, 2, 3, not infringed, (C. C. W. D. Pa.), 155 F. 982.

**523,563** Car replacer, R E. Alexander, July 24,1894, claim 3 held not infringed, (C. C. D. N. J.), 147 F. 921.

**523,698** Typewriter, H. L. Wagner, July 31, 1894, claims 1, 3 and 11 not infringed, (C. C. A. 2nd Cir.), 180 F. 726.

**523,833** Machine for making pasteboard hat packing rings, F. P. Ferry, July 31, 1894, valid and infringed, (C. C. E. D. Pa.), 142 F. 172.

**524,048** Check valve, Louis Schutte, Aug. 7, 1894, valid and infringed by patent No. 688,830, (C. C. A. 1st Cir.), 171 F. 844.

**524,102** Workman's time-recorder, J. Dey, Aug. 7, 1894, claim 1 not infringed, (C. C. N. D. N. Y.), 152 F. 440; (C. C. A. 2nd Cir.), 161 F. 111.

**524,130** Asphaltic petroleum products and process of making same, F. X. Byerly, Aug. 7, 1894, valid and infringed, (C. C. E. D. Pa.), 181 F. 138; valid and infringed, (C. C. A. 3d Cir.), 184 F. 455; preliminary injunction denied, (C. C. D. N. J.), 189 F. 759; claims 1 to 3 and 6 to 10 valid and infringed on motion for preliminary injunction, (C. C. D. Del.), 190 F. 772.

**524,396** See Reissue 12,241.

**524,423** Automatic feeder for twine making machines, G.A.Lowry, Aug. 14, 1894, not infringed by 785,070, (C. C. A. 7th Cir.), 159 F. 429.

**525,419** Gyratory stone crusher, A. E. Hoyt, Sep. 4, 1894, void, (C. C. A. 8th Cir.), 147 F. 700.

**525,836** Self-adjusting brush for dynamos, W. L. Bliss, Sept. 11, 1894, valid and infringed, (C. C. N. D. Ill., E. D.), 191 F. 850.

**525,856** Boiler, Charles D. Mosher, Sept. 11, 1894, suit for specific performance, motion to amend answers denied, (C. C. S. D. N. Y.), 189 F. 632.

**525,915** Thermometer, H. W. Maurer, Sept. 11, 1894, claim 4 void, (C. C. E. D. N. Y.), 175 F. 87.

**525,941** Duplicate whist tray, G. A. Bisler, Sep. 11, 1894, not infringed, (C. C. A. 2nd Cir.), 148 F. 620.

**526,752** Propeller shaft for vessels, C. H. Schultz, Jr., Oct. 2, 1894, plea overruled, (D. C. D. N. J.), 204 F. 624.

**526,839** Track hanger for hay carrier, W. Louden, Oct. 2, 1894, void, (C. C. A. 7th Cir.), 148 F. 686.

**526,913** Pumping engine, Whiting & Wheeler, Oct. 2, 1894, valid, infringed, (C. C. D. Mass.), 155 F. 285; (C. C. A. 1st Cir.), 163 F. 263.

**527,014** Loom, G. O. Draper, Oct. 2, 1894, claims 1 and 2 valid but not infringed, (C. C. D. Mass.), 188 F. 811; claims 1 and 2 not infringed, (C. C. A. 1st Cir.), 196 F. 501.

**527,242** Method of making expanded sheet metal, J. F. Golding, Oct. 9, 1894, void, (C. C. N. D. Ohio, E. D.), 157 F. 564; valid, infringed, (C. C. A. 6th Cir.), 164 F. 849.

**527,361** Enameling metal ware, H. Claus, Oct. 9, 1894, claims 4 to 8 void, (C. C. A. 2nd Cir.), 151 F. 19; claims 1, 2 and 3 void, claims 9, 10, 11 and 12 not infringed, (C. C. A. 2nd Cir., 153 F. 184.

**527,771** Watch movement frame, D. H. Church, Oct. 23, 1894, bill dismissed, (D. C. S. D. N. Y.), 202 F. 225.

**527,792** Bracket for car doors, E. A. Hill, Oct. 23, 1894, void, anticipated by 512,467, (C. C. A. 6th Cir.), 173 F 918; not infringed, (C. C. A. 7th Cir.), 183 F. 326.

**527,961** Interlocking tile floor, F. Furness, Oct. 23, 1894, void, (C. C. S. D. N. Y.), 149 F. 756; (C. C. A. 2nd Cir.), 158 F. 819.

**528,223** Workman's time-recorder, D. M. Cooper, Oct. 30, 1894, claims 1, 4, 5, 7 and 10 valid, claim 4 only infringed, (C. C. N. D. N. Y.), 152 F. 717; claims 1 and 4 void, claims 5, 7 and 10 infringed, (C. C. A. 2nd Cir.), 159 F. 464.

**529,272** Copper dampening coils for synchronous machines, Hutin & LeBlanc, Nov. 13, 1894, argued at final hearing in Cincinnati, Nov. 20, 1905 before Judge Thompson and re-argued before Judge Slater Feb. 4, 1910; awaiting decision, (No. 5695, S. D. Ohio), Westinghouse Co. v. Bullock Co., not reported.

**529,286** Furnace grate, J. H. Meissner, Nov. 13, 1894, not infringed, (D. C. W. D. Pa.), 213 F. 485; (C. C. A. 3rd Cir.), 214 F. 378.

**529,685** Grass hook, W. Sellers, Nov. 20, 1894, valid, infringed, (C. C. D. Maine), 154 F. 856.

**529,847** Die for making nut lock washers, S. D. Barnett, Nov. 27, 1894, void, (D. C. N. D. Ohio, E. D.), 214 F. 134.

**530,176** Alternating-current electric motor, L. Gutman, Dec. 4, 1894, claims 1 to 4 void, (C. C. A. 8th Cir.), 192 F.564.

**530,177** Method of transforming electrical into mechanical energy, L. Gutman, Dec. 4, 1894, claim 1 not infringed, (C. C. A. 8th Cir.), 192 F. 564.

## 1895

**531,782** Automatic railway switch, S. H. Crampton, Jan. 1, 1895, not infringed, (C. C. A. 5th Cir.), 193 F. 406.

**532,554** Candy cutting machine, M. S. Hershey, Jan. 15, 1895, valid, infringed, (C. C. A. 3rd Cir.), 149 F. 743; mandate amended, (C. C. A. 3rd Cir.), 162 F. 147.

**532,760** Incandescent lamp and method of manufacturing the same, M. H. Branin, Jan. 22, 1895, valid and infringed, (C. C. D. N. J.), 174 F. 1017.

**533,095** Ellipsograph, F. W. Starr, Jan. 29, 1895, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claim 3 not infringed, (C. C. A. 6th Cir.), 203 F. 264.

**533,401** Molding apparatus, Harris Tabor, Jan. 29, 1895, claim 1 not infringed, (C. C. E. D. Pa.), 190 F. 179; claim 1 not infringed, (C. C. A. 3d Cir.), 191 F. 166.

**533,403** Tie for wire structures, E. L. Williams, Jan. 29, 1895, not void on its face on demurrer, (C. C. E. D. Mich., S. D.), 190 F. 195; claim 1 void, (D. C. E. D. Wis.), 215 F. 727.

**533,763** See Reissue 11,611.

**534,178** Process of manufacturing armor-plates, Schmitz & Ehrensberger, Feb. 12, 1895, claim 5 void, anticipated by 460,262, (C. C. A. 3d Cir.), 191 F. 588.

**534,543** Talking machine, E. Berliner, Feb. 19, 1895, order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 148 F. 1022; motion for preliminary injunction granted, 150 F. 147; claims 5 and 35 infringed, (C. C. A. 2nd Cir.), 154 F. 58; valid and infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 158 F. 309; injunction granted, (C. C. S. D. N. Y.),171 F.673; claims 5 and 35 valid and infringed, (C. C. W. D. Mich. S. D.), 177 F. 248; motions to punish for contempt and for preliminary injunction denied, (C. C. (S. D. N. Y.), 180 F. 777; decree imposing fine for contempt reversed, (C. C. A. 2d Cir.), 183 F. 580; claims 5 and 35 infringed, (C. C. S. D. N. Y.), 183 F. 849; validity of claims 5 and 35 not affected by expiration of Canadian patent No. 41,901, (C. C. A. 2d Cir.), 188 F. 326; rights under license contract determined, (C. C. A. 2d Cir.), 183 F. 580; injunction 183 F. 849 modified, (C. C. S. D. N. Y.), 188 F. 330; claims 5 and 35 held infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 191 F. 987; motion to punish for contempt denied, (C. C. S. D. N. Y.), 191 F. 988.

**534,579** Governor, F. M. Rites, Feb. 19, 1895, held to anticipate claims 1 to 6 of 536,505, (C. C. W. D. Pa.), 163 F. 527.

**534,785** Method of and apparatus for insulating conductors, L. W. Downes, Feb. 26, 1895, claims 1, 2, 8 and 9 not infringed, (C. C. A. 3rd Cir.), 150 F. 122.

**535,465** Operating mechanism for washing machines, J. Schroeder, Mar. 12, 1895, claim 1 held not infringed on motion for preliminary injunction, (C. C. N. D. Ill., E. D.), 149 F. 430; valid, infringed, (C. C. E. D. Mo., E. D.), 157 F. 559; (C. C. S. D. N. Y.), 158 F. 627; claim 1 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 161; claim 1 valid, infringed, (C. C. A. 2nd Cir.), 166 F. 114; valid, infringed, (C. C. A. 8th Cir.), 168 F. 271; valid and infringed, (C. C. A. 7th Cir.), 170 F. 965; on rehearing, held infringed, 170 F. 967.

**536,505** Steam engine governor, J.Begtrup, Mar. 26, 1895, claims 1 to 6 anticipated by 534,579, (C. C. W. D. Pa.), 163 F. 527.

**536,734** Railway switch, A. J. Moxham, April 2, 1895, claim 1 void, claim 6 not infringed, (C. C. S. D. N. Y.), 158 F. 413; claim 1 void, claim 6 not infringed, (C. C. A. 2d Cir.), 184 F. 326.

**537,526** Resawing-machine, H. J. Gilbert, April 16, 1895, claims 1, 2, 5, 6 and 13 construed and held not infringed, (C. C. E. D. Mich., N. D.), 189 F. 741.

**537,629** Pneumatic tool, J. Boyer, April 16, 1895, not infringed, (C. C. W. D. Pa.), 154 F. 953; (C. C. A. 3rd Cir.), 159 F. 143.

**537,693** Process of evacuating incandescent lamps, Arturo Molignani, April 16, 1895, claim 1, infringed, (C. C., D. N. J.), 169 F. 299; claim 1 valid and infringed, (C. C. S. D. N. Y.), 177 F. 430; claim 1 valid and infringed, (C. C. D. Mass.), 180 F. 442.

**538,535** Machine for boxing matches, Palmer,Denmead & Baughman, April 30, 1895, claims 1 to 4, 23, 24, 26 and 30 valid, not infringed by 736,668, (C. C. A. 8th Cir.), 162 F. 148.

**538,688** Band-resaw, E. C. Mershon, May 7, 1895, claims 3, 4, 5 and 15 valid and infringed, (C. C. E. D. Mich., N. D.), 189 F. 741.

**538,809** Railroad tie-plate, B. Wolhaupter, May 7, 1895, claim 8 not infringed, (C. C. N. D. Ill. E. D.), 193 F. 418; claim 8 void, (C. C. A. 6th Cir.), 213 F. 789.

**538,914** Staking machine, R. Holmes, May 7, 1895, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.

**539,009** Combined refrigerator and freezer, Gilbert T. Quinn, May 7, 1895, claims 1, 3 and 7 infringed by patent No. 625,309, (C. C. D. N. J.), 171 F. 416; claims 1, 3 and 7 infringed by 625,309, (C. C. A. 3rd Cir.), 178 F. 278; valid and infringed, (C. C. S. D. N. Y.), 178 F. 283; motion for preliminary injunction granted in part, (C. C. D. Minn., 3rd Div.), 178 F. 567; exceptions to master's report sustained, (D. C. D. N. J.), 212 F.742.

**539,171** Bag filling machine, Henry H. Cummings, May 14, 1895, valid and infringed, (C. C., W. D. N. Y.), 140 F. 97; claims 11, 12, 14, 16, 17, 19, 20, 23, 24, 30, 34, 35, 41, 53, 54 and 61 valid, infringed, claims 1, 2, 6, 8, 9, 13, 18, 29 and 75 not infringed, (C. C. A. 2nd Cir.), 148 F. 985; on exceptions to master's report, 171 F. 438; on exceptions to master's report, (C. C. A. 2nd Cir.), 175 F. 576.

**539,229** Poultry car, F. X. Mudd, May 14, 1895, valid and infringed, (C. C. D. Mass.), 178 F. 992; claims 1 and 2 valid and infringed by 910,865, (C. C. N. D. Ill. N.D.), 182 F. 841; void, Ryan Car Co. et al. v. Live Poultry Transportation Co., (C. C. A. 7th Cir., Oct. 3, 1911), not reported; void, (C. C. A. 7th Cir.), 195 F. 525.

**539,878** Railway switch work, A. J. Moxham, May 28, 1895, on exceptions to master's report, (C. C. D. N. J.), 153 F. 205; valid, not infringed, (C. C. A. 1st Cir.), 170 F. 79; decree awarding nominal damages affirmed, (C. C. A. 3rd Cir.), 184 F. 301; claims 1 and 2 valid and infringed, (C. C. S. D. N. Y.), 193 F. 1001.

**540,584** Sheet metal elbow, F. Dieckmann, June 4, 1895, claims 1 and 2 if conceded validity not infringed; claims 3 and 4 void, (C. C. A. 7th Cir.), 174 F. 150.

**541,138** Crystalline calcium carbide, Thomas L. Willson, June 18, 1895, valid, not infringed, (C. C., N. D. N. Y.), 172 F. 120; valid and infringed, (C. C. A. 2nd Cir.), 181 F. 104; preliminary injunction granted, (C. C. N. D. Ill., E. D.), 188 F. 334.

**541,475** Crank planer, U., H. E. & F. L. Eberhardt, June 25,1895, claim 5 void, (C. C. A. 6th Cir.), 194 F. 680.

**541,941** Process of making lump starch, A. Moffatt, July 2, 1895, not infringed by 789,127, (D. C. N. D. Iowa), 207 F. 571.

**542,565** Press for making screw insulators, S. Kribs, July 9,1895, claims 2 and 3 not infringed, (C. C. A. 3rd Cir.), 154 F. 197; claims 1, 3, 6, 7 and 8 invalid, claim 2 valid and infringed, (C C. A. 3rd Cir.), 170 F. 946; on motion to modify mandate, 172 F. 222; on exceptions to master's report, (C. C., D. N. J.), 170 F. 830; claims 1, 3, 6, 7 and 8 void, claim 2 valid and infringed, (C. C. A. 3rd Cir.), 170 F. 946; cross-appeal on question of damages, (C. C. A. 3rd Cir.), 170 F. 960; see also 172 F. 222.

**542,733** Heat regulating apparatus, W. S. Johnson, July 16,1895, valid and infringed, (C. C. A. 1st Cir.), 147 F. 234.

**543,587** Machine for making tubing, J. S. Wilson, July 30, 1895, action on contract, judgment for defendant affirmed, (C. C. A. 1st Cir.), 187 F. 840.

**543,836** Single phase alternating current motor, E. Arnold, Aug. 6, 1895, bill dismissed, defective title, (C. C., S. D. N. Y.), 148 F. 234.

**544,567** Telephone system—automatic ringing, W.W.Dean,Aug 13, 1895, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.

**545,120** Dryer for drying paint, &c., F. D. Cummer, Aug. 27, 1895, claims 7, 8, 9 and 10 void, claim 11 valid and infringed, claims 12, 21, 22, 23 and 28 not infringed, (C. C. A. 6th Cir.), 193 F. 993.

**545,537** Staple puller, A. H. Russell, Sept. 3, 1895, void, (C. C. A. 7th Cir.), 201 F. 924.

**545,616** See Reissue 11,536.

**546,059** Electric railways, W. M. Schlesinger, Sept. 10, 1895, specific performance of contract, (C. C., E. D. Pa.), 154 F. 201; decree modified, (C. C. E. D. Pa.), 158 F. 827; claim 1 infringed, (C. C. E. D. Pa.), 181 F. 503; void, (C. C. A. 3d Cir.), 185 F. 798.

**546,123** Thread package, W. C. Schroeder, Sept. 10, 1895, claims 1 and 2 valid and infringed, (C. C., D. Conn.), 172 F. 234; not infringed, (C. C. A. 2nd Cir.), 174 F. 410.

**546,251** Skein thread holder, W. C. Schroeder, Sept. 10, 1895, claims 1 and 2, valid and infringed, (C. C. D. Conn.), 172 F. 234; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 410; motion to instruct master on accounting, (C. C. D. Conn.), 178 F. 554; motion for attachment in contempt denied, (C. C. D. Conn.), 181 F. 173.

**546,420** Garter, Bernhard Dreyfus, Sept. 17, 1895, valid and infringed, (C. C., S. D. N. Y.), 171 F. 434.

**546,560** Electric railway motor, S. H. Short, Sept. 17,1895, claims 7, 8 and 15 not infringed, (C. C. D. N. J.), 180 F. 751; bill dismissed by stipulation, (No. 1919, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co.; bill dismissed, (C. C. D. N. J.), 180 F. 751.

**546,738** See Reissue 11,672.

**548,074** Trolley rope and pole controller, C. A. Lord, Oct. 15, 1895, claim 4 not infringed, (C. C. D. Mass.), 173 F. 308; claim 4 void, (C. C. A. 1st Cir.), 179 F. 708.

**548,228** Telephone multiple switchboard, C. E. Scribner, Oct.22, 1895, held valid and infringed June 21, 1910, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J. S. McHugh, not reported.

**548,623** Sound records, E. Berliner, Oct. 29, 1895, not infringed, (C. C. A. 2nd Cir.), 151 F. 601.

**548,814** Indexed file, C. W. Northrop, Oct. 29, 1895, void, (C. C. S. D. N. Y., Feb. 3, 1908), Rapid File Co. v. Yawman & Erbe Mfg. Co., not reported.

**548,973** Cable hoist, W. Dusedau, Oct. 29, 1895, void, (C. C., D. N. J.), 150 F. 364; (C. C. A. 3rd Cir.), 154 F. 372.

**548,986** Evaporator, Peter Cooper Hewitt, Oct. 28, 1895, claim 1 infringed, (C. C. E. D. Pa.), 182 F. 844.

**549,160** Gas automobile, G. B. Selden, Nov. 5, 1895, motion to punish for contempt denied, (C. C. S. D. N. Y.), 159 F. 492; claims 1, 2 and 5 valid, infringed by the Ford machine, claims 1 and 5 infringed by the Panhard French machine, (C. C. S. D. N. Y.), 172 F. 923; application filed Sept. 7, 1895 as a division of this case held not abandoned, 36 App. D. C. 428; claim 1 construed and not infringed, (C. C. A. 2nd Cir.), 184 F. 893.

**550,823** Electric meter, T. Duncan, Dec. 3, 1895, claims 1 and 8 void, (C. C. S. D. N. Y.), 155 F. 293.

**551,340** Mechanism for making metal tubing, R. C. Stiefel, Dec. 10, 1895, valid, infringed, (C. C. E. D. Pa.), 151 F. 64; (C. C. A. 3rd Cir.), 160 F. 928.

**552,470** Hose supporter, R. Gorton, Dec. 31, 1895, involved in suit for unfair competition, (C. C. D. Mass.), 156 F. 677; not infringed by 804,756, (C. C. S. D. N. Y.), 173 F. 793; infringed, (C. C. A. 2nd Cir.), 180 F. 739.

## 1896

**553,185** Pocket for pool tables, P. M. Cunningham, Jan. 14, 1896, not infringed, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.

**553,839** Fire alarm signal box, F. W. Cole, Feb. 4, 1896, valid and infringed, (D. C. D. N. J.), 194 F. 147.

**553,873** Fire alarm signal box, J. J. Ruddick, Feb. 4, 1896, valid and infringed, (D. C. D. N. J.), 194 F. 147; preliminary injunction granted, (D. C. D. N. J.), 199 F. 182; preliminary injunction denied, (D. C. N. D. N. Y.), 199 F. 185, 199 F. 188.

**553,972** Clasp, J. V. Washburne, Feb. 4, 1896, not infringed, (D. C. D. N. J.), 197 F. 552.

**554,276** Controller for dynamos, W. H. Knight et al., Feb. 11, 1896, case at issue May 2, 1910, no testimony taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co.; dismissed by stipulation Jan. 20, 1910, (No. 10,970, D. Ind.), General Electric Co. v. Winona Co., not reported; claim 6 not infringed by 873,805, (C. C. D. N. J.), 193 F. 58.

**554,287** Metal car roof, P. H. Murphy, Feb. 11, 1896, claims 1 and 2 not infringed, claim 4 void, 38 App. D. C. 582.

**554,611** Ball runway for bowling alleys, W. H. Wiggins, Feb. 11, 1896, void, (C. C. E. D. Pa.), 159 F. 729; (C. C. A. 3rd Cir.), 165 F. 56.

**554,675** Rubber tired wheel, A. W. Grant, Feb. 18, 1896, valid, infringed, (C. C. S. D. N. Y.), 147 F. 739; (C. C. A. 2nd Cir.), 151 F. 237; considered on action for royalties, (C. C. A. 7th Cir.),154 F. 358; decree granting preliminary injunction modified and affirmed, (C. C. A. 2nd Cir.), 157 F. 677; valid, infringed, (C. C. A. 2nd Cir.), 162 F. 892; suit to enjoin interference with customers, (C. C. S. D. Ohio, W. D.), 164 F. 869; valid and infringed, 220 U. S. 428; order granting preliminary injunction modified and affirmed, (C. C. A. 6th Cir.), 183 F. 978; leave to intervene denied, preliminary injunction granted, (C. C. N. D. N. Y.), 189 F. 591; preliminary injunction granted, (C. C. N. D. N. Y.), 190 F. 28; preliminary injunction 189 F. 591 ordered vacated unless complainant files a bond, (C. C. A. 2d Cir.), 191 F. 832; same, (C. C. A. 2nd Cir.), 191 F. 835; bill dismissed for want of equity, (D. C. N. D. Ill. E. D.), 195 F. 764; same, (D. C. N. D. Ill. E. D.), 195 F. 768; infringed, (D. C. N. D. N. Y.), 197 F. 756; order granting preliminary injunction reversed, (C. C. A. 2nd Cir.), 203 F. 998; decree of District Court, (195 F. 764), reversed, and cause remanded, (C. C. A. 7th Cir.), 202 F. 1021; cause remanded, (C. C. A. 7th Cir.), 215 F. 106; decree (183 F. 978), reversed, (U. S. Sup. Ct.), 232 U. S. 413; certificate dismissed, (U. S. Sup. Ct.), 232 U. S. 420.

**554,874** Typewriter escapement, F. W. Hillard, Feb. 18, 1896, void, (C. C., S. D. N. Y.), 163 F. 281; void, (C. C. A. 2nd Cir.), 170 F. 73.

**555,171** Railway switch. C. H. Krauss, Feb. 25, 1896, not infringed, (C. C. N. D. Ill., E. D.), 158 F. 636; void if broad enough to cover alleged infringing structure, (C. C. A. 7th Cir.), 171 F. 648.

**555,190** Alternating-current motor, Nikola Tesla, Feb. 25, 1896, claims 1, 2 and 6 valid, not anticipated by 511,915 or 445,207, infringed by 399,801 and 428,650, (C. C. A. 8th Cir.), 191 F. 350.

**555,499** Initiation apparatus, E. & U. S. De Moulin, Mar. 3, 1896, claims 1, 2 and 6 void, (C. C. A. 7th Cir.), 199 F. 145.

**555,605** Hay-carrier, W. Louden, March 3, 1896, claims 1 to 4 valid but not infringed, (C. C. W. D. Wis.), 186 F. 522; claims 1 to 4 valid and infringed, (C. C. A. 7th Cir.), 195 F. 751.

**555,669** Air brush, O. C Wold, Mar 3, 1896, valid, infringed, (C. C. A. 7th Cir.), 148 F. 227.

**555,707** See Reissue 11,645.

**555,893** Centrifugal apparatus for cream separators, G. M. Anderson, Mar. 3, 1896, valid, infringed, (C. C. S. D. N. Y.), 157 F. 238; (C. C. A. 2nd Cir.), 160 F. 668.

**556,303** Dial holder for watch movements, D. H. Church, Mar. 10, 1896, bill dismissed, (D. C. S. D. N. Y.), 202 F.225.

**556,317** Derailing switch, J. Y. Porter, Mar. 10, 1896, void, (C. C. A. 6th Cir.), 206 F. 670.

**556,532** Ball conduit for pool table, P. M. Cunningham, Mar. 17, 1896, not infringed, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.

**556,972** Rotary disc plow, Clement A. Hardy, Mar. 24, 1896, claim 2, valid and infringed,(C. C., D. Kansas, Second Division), 170 F. 600; void, (C. C. A. 8th Cir.), 184 F. 61.

**557,192** Automatic egg boiler, W. E. Curtis, Mar. 31,1896, claims 1 and 4 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 169; claims 1 and 4 valid, infringed, (C. C. A. 7th Cir.), 164 F. 847.

**557,737** Sectional bookcase, O. H. L. Wernicke, Apr. 7, 1896, decree of court below granting an injunction and accounting reversed, (C. C. A. 7th Cir.), 180 F. 401.

**557,868** Disk grain drill, F. R. Packham, April 7, 1896, on exceptions to master's report, (C. C. A. 6th Cir.), 154 F.45; valid, not infringed, (C. C. W. D. Wis.), 160 F. 504; decree on master's report affirmed, (C. C. A. 6th Cir.), 162 F. 479; not infringed, (C. C. A. 7th Cir.), 168 F. 923.

558,090 Transformer, W. S. Moody, Apr. 14, 1896, complainants closed rebuttal proofs May 2, 1910, (No. 10,776, D. Ind.), General Electric Co. v. Winona Co., not reported.

558,506 Printing telegraph machine, Merritt & Joy, Apr. 21, 1896, claim 6 void, (C. C. S. D. N. Y.), 166 F. 473.

558,610 Heating and ventilating apparatus, W. P. Powers, Apr. 21, 1896, claims 1, 2 and 3 valid, infringed, (C. C. N. D. Ill., E. D.), 152 F. 984; claims 1 to 3 void, (C. C. A. 7th Cir.), 160 F. 460.

558,956 Wheel tire, T. B. Jeffery, Apr. 28, 1896, claims 5 and 10 not infringed, (C. C. W. D. Pa.), 155 F. 982; (C. C. A. 3rd Cir.), 161 F. 337; not infringed, (C. C., S. D. N. Y.), 169 F. 831; not infringed, (C. C. A. 2nd Cir.), 177 F. 691.

558,969 Paper bag machine, W. Liddell, Apr. 28, 1896, valid and infringed by 598,497, (C. C. A. 1st Cir.), 150 F. 741; (U. S. Sup. Ct.), 210 U. S. 405; infringed by one type of machine and not infringed by another type, (C. C. Me.), 175 F. 101.

559,345 Typewriter, H. L. Wagner, Apr. 28, 1896, claims 17, 18, 19 and 20 not infringed by 852,400, (C. C. S. D. N. Y.), 177 F. 230; claim 26 not infringed, (C. C. A. 2nd Cir.), 180 F. 726; claims 17, 18 and 20 infringed, claim 19 not infringed, by 852,400, (C. C. A. 2d Cir.), 184 F. 329; claim 2 void, claim 3 not infringed if conceded validity, (C. C. A. 2d Cir.), 188 F. 82.

559,642 Sheet metal culvert, James H. Watson, May 5, 1896, void on demurrer, (C. C. N. D. N. Y.), 172 F. 151; not void on its face on demurrer, (C. C. A. 2nd Cir.), 183 F. 586; exceptions sustained in part, (D. C. D. Kans., 2nd Div.), 197 F. 577; void, not infringed if conceded validity, (D. C. N. D. N. Y.), 207 F. 837; valid and infringed, (C. C. A. 2nd Cir.), 218 F. 839.

559,790 Pocket for pool tables, P. M. Cunningham, May 5, 1896, claims 1 and 3 void, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.

**559,910** Armature for dynamos, H. G. Reist, May 12, 1896, invalid, (D. N. J.), General Electric Co. v. Bullock Electric Co.; no testimony taken since filing of replication, (No. 7073, N. D. N. Y.), General Electric Co. v. Pittsburg Reduction Co., not reported; void, claim 2, if novel, not infringed, (C. C. D. N. J.), 155 F. 740.

**559,913** Alternating current system of distribution, C. P. Steinmetz, May 12, 1896, appearance entered June 6, 1910, answer due July rule day 1910, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported; claim 2 not infringed, (D. C. D. N. J.), 199 F. 169.

**560,089** Cash register, L. Ehrlich, May 12, 1896, claim 18 void, claims 1, 2, 19, 24, 25, 36 and 37 construed and held not infringed, (C. C. A. 6th Cir.), 213 F. 463.

**560,171** Multiple drill, A. J. Oehring, May 12, 1896, claim 3 valid and infringed, remaining claims void, (C. C. S. D. N. Y.), 180 F. 476; claims 1 and 3 valid and infringed, (C. C. A. 2nd Cir.), 202 F. 753.

**561,193** Woven wire fencing, A. J. Bates, June 2, 1896, claims 1 and 3 void, (C. C N. D. Iowa, Cedar Rapids D.), 160 F. 125; claims 1 and 3 void, (C. C. A. 8th Cir.), 169 F. 413.

**561,485** Load dumping apparatus, T.Carroll, June 2,1896, claims 1 and 2 valid and infringed, (C. C. A. 9th Cir.), 173 F. 280.

**561,656** Can labeling machine, Cornell & Knapp, June 9, 1896, valid, claims 2, 3 and 5 infringed, (C. C. D. Md.), 163 F. 531.

**561,711** Electric meter, Ralph O. Hood, June 9, 1896, void, (C. C. A. 7th Cir.), 183 F. 423.

**562,365** Single phase alternating current motor, E. Arnold, June 23, 1896, bill dismissed, defective title, (C. C. S. D. N. Y.), 148 F. 234.

**562,864** Dynamo electric machine, N. W. Stover, June 30, 1896, no testimony taken by complainant in rebuttal since defendant's proofs closed Nov. 6, 1905, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported.

**563,130** Supports for walls, J. Breuchand, June 30, 1896, valid, infringed, (C. C., S. D. N. Y.), 157 F. 844; claims 1 and 2 valid, infringed, claims 3 and 4 void, (C. C. A. 2nd Cir.), 166 F. 753.

**563,157** Paper shell cartridge, J. Gardner, June 30, 1896, not infringed, (C. C. S. D. N. Y.), 173 F. 86; not infringed, (C. C. A. 2d Cir.), 184 F. 333.

**563,527** Process of producing calcium compounds, Thomas L. Willson, July 7, 1896, claim 1, not infringed, (C. C., N. D. N. Y.), 172 F. 136; not infringed, (C. C. A. 2nd Cir.), 181 F. 111.

**563,531** Trolley catcher, C. F. Wilson, July 7, 1896, held to anticipate claims 2 of 597,159, (C. C. D. Mass.), 173 F. 619.

**563,664** See Reissue 11,696.

**563,723** See Reissue 11,624.

**564,331** Electrical transformer, H. Lemp, July 21, 1896, claims 2, 3 and 9 construed and not infringed, (D. C. D. Conn.), 205 F. 764.

**564,421** Firearm, T. G. Bennett, July 21, 1896, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.

**565,276** Snap fastener, E. Kempshall, Aug. 4, 1896, claim 3 void, (C. C. S. D. N. Y.), 149 F. 225.

**566,871** Underfeed stoker, J. M. Roe, Sep. 1, 1896, anticipates 595,837, claim 1 infringed, (C. C. D. R. I.), 165 F. 65.

**566,874** Electric distribution machine, W.E.Sinclair, Sep. 1,1896, claims 1 to 4 valid, infringed, (C. C. N. D. Ill., E. D.), 161 F. 129.

**566,969** Steam turbine, C. G. Curtis, Sept. 1, 1896, claims 1 to 11 inclusive valid and infringed, (C. C. A. 3rd Cir.), 202 F. 932; valid and infringed, (C. C. A. 3rd Cir.), 211 F. 124.

**567,559** Panoramic camera, Angsten & Gesbeck, Sept. 8, 1896, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.

**568,021** Printing and calculating machine, D. E. Felt, Sept. 22, 1896, claims 47, 48, 49 and 52 void, 41 App. D. C. 427.

**569,044** Metallic car-truck, J. S. Hardie, Oct. 6, 1896, claims 2, 3 and 6 valid and infringed, (C. C. N. D. Ill., N. D.), 189 F. 601; claims 2, 3 and 6 void, (C. C. A. 7th Cir.), 195 F. 940; same, (C. C. A. 8th Cir.), 197 F. 49.

**569,903** Finger nail clipper, J. D. C. Wenger, Oct. 20, 1896, petition for leave to file supplemental bills denied, (C. C. D. Conn.), 156 F. 676; held valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 166 F. 762.

**570,148** Lateral support for car sides and ends, W. A. Thomas, Oct. 27, 1896, void, (C. C. A. 6th Cir.), 149 F. 753.

**570,224** Machine for making storage battery grids, A. F. Madden, Oct. 27, 1896, not for the same invention as 572,363, (C. C. A. 2nd Cir.), 192 F. 28; claim 2 not infringed, (D. C. W. D. N. Y.), 197 F. 745; claim 2 limited and not infringed by 572,363, (C. C. A. 2nd Cir.), 204 F. 280.

**570,416** Circuit breaker for electrical distribution system, A. J. Wurts, Oct. 27, 1896, claims 3 and 4 valid and infringed, (C. C. D. Mass.), 194 F. 430; claims 3 and 4 void, (C. C. A. 1st Cir.), 200 F. 144.

**570,591** Sheet metal can, Max Ams, Nov. 3, 1896, application for reissue refused, 29 App. D. C. 91.

**570,906** See Reissue 11,626.

**571,121** Match safe, O. H. Huebel et al., Nov. 10, 1896, order of court below holding defendant guilty of contempt affirmed, (C. C. A. 2d Cir.), 179 F. 516; appeal from order imposing fine for contempt dismissed, (C. C. A. 2d Cir.), 185 F. 810; order imposing fine for contempt affirmed, (C. C. A. 2d Cir.), 185 F. 812.

**571,297** Electric wall box, W. F. Bossert, Nov. 10, 1896, claim 5 valid and infringed, (C. C. A. 2nd Cir.), 179 F. 385.

**571,607** Overhead switch and hanger, P.F.Werner, Nov. 17, 1896, claims 2 and 5 valid, not infringed, (C. C. A. 6th Cir.), 171 F. 656.

571,836 System of electrical distribution, B. G. Lamme, Nov.24, 1896, bill dismissed by stipulation Nov. 10, 1908, (No. 1984, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co.; no testimony taken, dismissed by stipulation Nov. 10, 1908, (N D. Ill.), Westinghouse Co. v. So. Chicago Ry. Co., not reported.

571,863 Rotary transformer regulation, R. D. Mershon, Nov. 24, 1896, bill dismissed by stipulation Nov. 10, 1908, (No. 1984, N. D. Ohio), Westinghouse Co. v. Toledo etc.Co. not reported.

572,363 Battery grid and machine for making the same, A. F. Madden, Dec. 1, 1896, not for the same invention as 570,224, (C. C. A. 2nd Cir.), 192 F. 28; does not infringe claim 2 of 570,224, (C. C. A. 2nd Cir.), 204 F. 280.

572,561 Elevator signaling apparatus, S. B. Opdyke, Dec. 8,1896, claims 19, 20 and 21 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.

572,679 Circular knitting machine, D. Hurley, Dec. 8, 1896, not infringed, (C. C. D. Mass.), 156 F. 665; claim 4 infringed, (C. C. A. 1st Cir.), 166 F. 861.

572,689 Apple-parer, H. A. & W. Tripp, Dec. 8, 1896, claim 7 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.

572,778 Pole socket, J. H. Stevenson, Dec. 8, 1896, not infringed, (D. C. D. Conn.), 201 F. 696.

573,009 Direct current dynamo, B. G. Lamme, Dec. 15, 1896, dismissed by order of court, signed and entered Apr.14, 1906, (No. 6999, N. D. N. Y.), Westinghouse Co. v. Pittsburg Reduction Co.; bill dismissed Dec. 4, 1905, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported; see Reissue 12,406.

573,107 Field magnet poles, H. G. Reist, Dec. 15, 1896, Court of Appeals on Mar. 5, 1907 affirmed decision of Circuit Court and held patent invalid, (No. 5655, S. D. Ohio), General Electric Co. v. Bullock Electric Co., not reported; void, (C. C. A. 6th Cir.), 152 F. 185.

573,480 Steam blower, H. E. Parson, Dec. 22, 1896, claim 1 not infringed, (C. C. D. N. J.), 180 F. 742; claim 1 not infringed, (C. C. A. 3d Cir.), 185 F. 522.

**573,672** Diamond-polishing dop, Loesser & Loesser, Dec. 22, 1896, claims 2 and 3 valid and infringed, (C. C. E. D. N. Y.), 189 F. 391; claims 2 and 3 void, also not infringed if conceded invention, (C. C. A. 2nd Cir.), 198 F. 401.

**573,868** Book-typewriter, R. J. Fisher, Dec. 29, 1896, held to infringe 580,281, (C. C. A. 2nd Cir.), 159 F. 439.

**574,073** Hammock attachment, I. E. Palmer, Dec. 29, 1896, valid and infringed, (C. C. E. D. Pa.), 176 F. 573.

**574,116** Bolster for railway cars, Charles T. Schoen, Dec.29,1896, claim 2, void, (C. C. A. 3rd Cir.), 169 F. 109.

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**574,616** Mold for casting rolls, John L. Lewis, Jan. 5, 1897, not infringed, (C. C., W. D. Pa.), 169 F. 422.

**574,675** Wall register, C. H. Foster, Jan. 5, 1897, validity not adjudicated, plea of laches sustained and bill dismissed, (D. C. E. D. Mo., E. D., March 5, 1912), Foster v. Symonds, not reported.

**574,822** Coal-mining machine, E. P. Rauscher, Jan. 5, 1897, not infringed, (C. C. A. 7th Cir.), 203 F. 490.

**574,894** Hat packing ring, F. P. Ferry, Jan. 12, 1897, preliminary injunction granted, (C. C. S. D. N. Y.), 171 F. 437; order of court below granting a preliminary injunction reversed, (C. C. A. 2d Cir.), 178 F. 550; motion to compel witness to answer questions denied, (C. C. D. N. J.), 185 F. 816; not infringed, (C. C. A. 3rd Cir.), 195 F. 71.

**575,170** Electric conductor, H. T. Richards, Jan. 12, 1897, bill dismissed by stipulation, (C. C. S. D. N. Y.), Safety Insulated Wire & Cable Co. v. Goodyear Rubber Insulating Co., not reported.

**575,187** Sanding machine, Louis Welker, Jan. 12, 1897, claim 3, void, (C. C. N. D. W. Va.), 169 F. 640; Claim 3 void, (C. C. A. 4th Cir.), 181 F. 492.

**576,094** Car coupling, Henry Dietz, Feb. 2, 1897, not infringed, (C. C. A. 6th Cir.), 171 F. 847.

**577,639** Wire fence machine, A. J. Bates, Feb. 23, 1897, claims 1 to 11, 19, 27 and 35 valid, infringed, (C. C. N. D. Iowa, Cedar Rapids D.), 160 F. 108; valid, and infringed by patent No. 788,305, (C. C. A. 8th Cir.), 169 F. 793; not infringed, (C. C. N. D. Ia.), 176 F. 564; not infringed, (C. C. A. 8th Cir.), 194 F. 117.

**577,739** Device for regulating the quality of gas, E. J. Frost et al., Feb. 23, 1897, infringed, (C. C. A. 4th Cir.), 175 F. 779; on motion to retax costs, (C. C. D. Md.), 182 F. 847.

**577,809** Tufting machine, H. B. Pitner, Feb. 23, 1897, void, (C. C. A. 6th Cir.), 151 F. 478.

**578,133** Folding mechanism, B. F. Brown, Mar. 2, 1897, valid, infringed, (C. C. A. 2nd Cir.), 148 F. 985; on exceptions to master's report, (C. C. W. D. N. Y.), 171 F. 438; on exception to master's report, (C. C. A. 2nd Cir.), 175 F. 576.

**578,550** Paper bag machine, C. E. Dulin, Mar. 9, 1897, not infringed by 736,673, (C. C. A. 6th Cir.), 194 F. 126.

**578,576** Fifth wheel for vehicles, H. E. Morrill, Mar. 9, 1897, valid, infringed, (C. C. N. D. Ill., E. D.), 153 F. 201.

**580,000** Socket member for glove fastener, E. Pringle, April 6, 1897, claim 1 valid, infringed, (C. C. A. 2nd Cir.), 149 F. 222.

**580,001** Separable button, E Pringle, April 6, 1897, not infringed by 645,624, (C C. A. 2nd Cir.). 151 F. 1022.

**580,127** Window, J. H. Giesey, Apr. 6, 1897, charge of the bill relative to the infringement of this patent, abandoned, (C. C. D. N. J.), 178 F. 831.

**580,151** Fluid distributor, W. S. Barnard, Apr. 6, 1897, valid and infringed, (C. C. A. 6th Cir.), 176 F. 561.

**580,281** Typewriter escapement, F. W. Hillard, April 6, 1897, claims 30 to 35, 37, 38 and 41 valid, infringed, (C. C. S. D. N. Y.), 151 F. 34; same claims infringed by 573,-868, (C. C. A. 2nd Cir.), 159 F. 439; void, (C. C. S. D. N. Y.), 163 F. 281; void, (C. C. A. 2nd Cir.), 170 F. 73; void, (C. C. A. 2nd Cir.), 195 F. 932.

**580,742** Onion topping machine, A. E. Vrooman et al., Apr. 19, 1897, infringed, (C. C. A. 6th Cir.), 179 F. 296; petition for rehearing of 179 F. 296 denied, (C. C. A. 6th Cir.), 186 F. 495.

**580,817** Machine for packaging decorative films, W. H. Coe, Apr. 13, 1897, valid and infringed, (D. C. D. R. I.), 199 F. 435; not infringed, (C. C. A. 1st Cir.), 212 F. 720.

**580,863** See Reissue 12,582.

**580,924** Firearm, John M. Browning, April 20, 1897, claims 7 and 13 not infringed by 804,985, (C. C. A. 2d Cir.), 190 F. 553.

**580,925** Magazine fire-arm, J. M. Browning, April 20, 1897, claim 14 if valid not infringed, (C. C. S. D. N. Y.), 164 F. 197; claim 14 if conceded validity not infringed, (C. C. A. 2nd Cir.), 174 F. 151.

**581,123** Binder, L. M. Leslie, April 20, 1897, on demurrer to bill, (C. C. S. D. N. Y.), 157 F. 236.

**581,124** Loose sheet binders, L. M. Leslie, April 20, 1897, on demurrer to bill, (C C. S. D. N. Y.), 157 F. 236.

**582,131** Alternating current distribution, B. G. Lamme, May 4, 1897, complainant's prima facie proofs closed June 1, 1907, awaiting defendant's testimony, (No. 76, S. D. Ill.), Westinghouse Co. v. Galesburg Ry. & Light Co., not reported.

**582,217** Bunk car, H. J. Morton, May 11, 1897, prima facie proofs closed, (C. C. Chicago), Morton v. A. H. Andrews Co. not reported.

**582,325** Metal-founding machine, Tabor & Mumford, May 11, 1897, claims 8 to 12 not infringed, (C. C. E. D. Pa.), 190 F. 179; claims 8 to 12 not infringed, (C. C. A. 3d Cir.), 191 F. 166.

**582,476** See Reissue 11,666.

**582,481** Electrical machine, E. E. Nolan, May 11, 1897, claims 2 and 4 valid and infringed, and claims 1 and 3 invalid, (No. 5686, S. D. Ohio), Westinghouse Co. v. Bullock Electric Co.; decision to same effect of lower court affirmed by Court of Appeals, (D. N. J.), Westinghouse Co. v. Prudential Ins. Co. of America; case at

issue Mar. 1909, no testimony taken, (D. N. J.), Westinghouse Co. v. Hudson County Consumers Brewing Co.; motion for injunction withdrawn, order dismissing bill Jan. 6, 1910, (S. D. N. Y.), Westinghouse Co. v. Sears, Roebuck & Co.; (S. D. N. Y.), Westinghouse Co. v. Hecker Jones Co.; motion for injunction granted, appealed to Ct. of Appeals and argued May 3, 1910, awaiting decision. (N. D. Ill.), Westinghouse Co. v. Mandell Bros.; (N. D. Ill.), Westinghouse Co. v. J. E. Tilt Show Co.; motion for injunction denied, case at issue Mar. 7, 1910, no testimony taken, (D. N. J.), Westinghouse Co. v. Allis-Chalmers Co., not reported; claims 1 and 3 void, claims 2 and 4 valid, infringed, (C. C. D. N. J.), 155 F. 749; claims 2 and 4 valid, infringed, (C. C. A. 3rd Cir.), 158 F. 985; claims 1 and 3 void, (C. C. A. 3d Cir.), 158 F. 987; disclaimer as to claims 1 and 3 filed April 27, 1908; claims 2 and 4 anticipated by British 2184 of 1893, order granting preliminary injunction (Westinghouse Co. v. J. E. Tilt Shoe Co., above noted, reversed), (C. C. A. 7th Cir.), 185 F. 110.

**583,227** System of card records, J. N. Gunn, May 25, 1897, claims 1, 2 and 3 valid, infringed, (C. C. S. D. N. Y.), 148 F. 239; void, (C. C. A. 2nd Cir.), 152 F. 434.

**583,247** Metal eave, William A. Burnham, May 25, 1897, claim 1 void, (C. C. D. N. J.), 190 F. 172; claim 1 valid and infringed, (C. C. A. 3rd Cir.), 195 F. 75.

**583,320** Calculagraph, Henry Abbott, May 25, 1897, claims 1 and 2 not infringed, (C. C. A. 2d Cir.), 187 F. 276.

**583,632** Automatic heat regulator, A. Roesch, June 1, 1897, decree directing assignment, (C. C. E. D. N. Y.), 148 F. 705.

**583,633** Thermostat, A. Roesch, June 1, 1897, decree directing assignment, (C. C. E. D. N. Y.), 148 F. 705.

**584,340** Hoist, H. L. Ferris, June 15, 1897, limited and held not infringed by 785,385, (C. C. A. 7th Cir.), 148 F. 220.

**584,787** Rotary neostyle, H. W. Lowe, June 22, 1897, decree (145 F. 933) affirmed, (U. S. Sup. Ct.), 207 U. S. 196.

**585,122** See Reissue, 11,831.

**585,944** Memorandum calendar, J. R. Wilson, July 6, 1897, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 752; not in-infringed, (C. C. A. 7th Cir.), 171 F. 842; valid and infringed as to claim 1, (C. C. A. 2nd Cir.), 204 F.285.

**586,193** See Reissue 11,913.

**586,964** Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.

**586,966** Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.

**586,967** Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.). 180 F. 421.

**586,996** Liquid shut-off, J. H. Glauber, July 27,1897, claim 1, valid and infringed, (C. C. A. 7th Cir.), 169 F. 110; petition to file bill of review denied, (C. C. A. 7th Cir.), 181 F. 1022.

**587,308** Net leader, E. Haataja, Aug. 3, 1897, valid, infringed, (C. C. D. Oregon), 155 F. 535.

**587,366** Fire pot and grate for stoves, E. G. Germer, Aug. 3,1897, void, (C. C. A. 6th Cir.), 150 F. 141.

**587,441** Regulator for electric machines, W. H. Knight et al., Aug. 3, 1897, no testimony taken since filing of replication, (No. 1900, N. D. Ohio), General Electric Co. v. Toledo etc. Co., not reported; claims 1 and 2 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 951; valid, infringed, (C. C. A. 7th Cir.), 168 F. 52.

**587,442** Method of regulating electrically driven mechanism, W. H. Knight et al., Aug. 3, 1897, no testimony taken since filing of replication, (No. 1900, N.D. Ohio), General Electric Co. v. Toledo etc. Co., not reported; claims 3, 4 and 9 not infringed, (C. C. N. D. Ill., E.D.), 159 F. 951; valid, infringed, (C. C. A. 7th Cir.), 168 F. 52.

**587,633** Fastener for stair carpets, H. C. Adams, Aug. 3, 1897, claim 1 void, claim 2 not infringed,(C. C. A. 2nd Cir.), 151 F. 497.

**587,678** Self-feeding furnace, T. Murphy, Aug. 3, 1897, claims 14 and 17 valid and infringed, (C. C. A. 7th Cir.), 215 F. 590.

**587,939** Nursing nipple, W. M. Decker, Aug. 10, 1897, valid and infringed, (D. C. N. D. N. Y.), 196 F. 784.

**588,490** Brush holder support for electric machines, S. H. Short, Aug. 17, 1897, complainant's prima facie proofs closed Feb. 5, 1910, awaiting defendant's proofs, (D. N. J.), Westinghouse Co. v. Bullock Co., not reported.

**588,954** Hair-clipper, G. H. Coates, Aug. 31, 1897, does not infringe 481,254, (D. C. D. Mass.), 195 F. 84.

**589,168** See Reissues 12,037, 12,038, 12,192 and 13,329.

**589,342** Acetylene gas burner, E. J Dolan, Aug. 31, 1897, claims 1, 2 and 3 void, (C. C. A. 6th Cir.), 155 F. 731; decree (155 F. 731 and 155 F. 740) affirmed, (U. S. Sup. Ct.), 215 U. S. 161.

**590,137** Telephone system—automatic ringing, W.W. Dean,Sept. 14, 1897, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.

**590,185** Telephone system—automatic ringing, W.W. Dean,Sept. 14, 1897, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.

**590,286** Side bearing for railway cars, John C. Wands, Sept. 21, 1897, claims 1 and 2 void, (C. C., N. D. Ill., E. D.), 170 F. 968; void, (C. C. A. 7th Cir.), 178 F. 449.

**590,675** Ore concentrator, Arthur R. Wilfley, Sept. 28. 1897, action on contract, (C. C. A. 9th Cir.), 164 F. 421; claims 1, 2 and 7 valid and infringed, (D. C. W. D. Mo.), 197 F. 897; claims 1, 2 and 7 valid and infringed, (C. C. A. 9th Cir.), 215 F. 100.

**591,561** Thill coupling, H. A. Moyer and C. J. Graf, Oct. 12, 1897, void because of prior use, (C. C., S. D. N. Y.), 169 F. 825; valid and infringed, (C. C. A. 2nd Cir.), 178 F. 130; order of lower court denying motion for preliminary injunction affirmed, (C. C. A. 2nd Cir.), 209 F. 231.

**591,869** Electric transformer, W. S. Moody, Oct. 19, 1897, complainant's prima facie proofs not completed, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported; not infringed by 873,166, (D. C. D. N. J.), 197 F. 558.

**593,410** Car truck bolster, C. E. Bauer, Nov. 9, 1897, claims 1, 2, 4 and 5 void; claim 6 valid and infringed, (C. C. S. D. N. Y.), 177 F. 426; claim 6 valid and infringed, (C. C. A. 2d Cir.), 189 F. 70.

**593,720** Coin controlled telephone pay station, W. Gray, Nov. 16, 1897, valid and infringed, (C. C. A. 7th Cir.), 174 F. 417.

**593,954** Chest and neck protector, J.H.Way, Nov. 16, 1897, claim 2 void, (C. C. E. D. Pa.), 150 F. 374.

**594,036** Vacuum or X-ray tube, H. L. Sayen, Nov. 23, 1897, claim 1 void, claims 2 and 3 valid, infringed, (C. C. N. D. Ill., E. D.), 149 F. 771; preliminary injunction granted, (C. C. E. D. Pa.), 165 F. 453; motion to punish for contempt granted, (C. C. E. D. Pa.), 170 F. 611; claims 2 and 3 valid and infringed, on motion for preliminary injunction, (C. C. N. D. Ill., E. D.), 191 F. 201.

**594,144** Regulation of alternating current systems, C. P. Steinmetz, Nov 23, 1897, bill dismissed by stipulation Nov. 10, 1908, (No. 1999, N. D. Ohio), General Electric Co. v. Toledo, etc. Co.; claims 1, 2, 3, 5, 6, 7, 12, 18 and 22 void, (C. C. A. 7th Cir.), 188 F. 77.

**594,286** Mold for casting car wheels, E. R. Robinson, Nov. 23, 1897, judgment (142 F. 170) reversed with leave to amend, (C. C. A. 7th Cir.), 150 F. 331.

**594,457** Machine for forming nipples, A. C. Campbell, Nov. 30, 1897, valid, infringed, (C. C. D. Conn.), 162 F. 486; claims 1 to 5, 23 to 28, 31 and 35 valid, infringed, (C. C. A. 2nd Cir.), 167 F. 538.

**594,673** Jock-strap and suspensory, C. F. Bennett, Nov. 30, 1897, valid and infringed, (C. C. E. D. Wis.), 174 F. 424.

**595,181** Grab-hook, D. H. Langan, Dec. 7, 1897, void, (C. C. W. D. Pa.), 181 F. 143; void, (C. C. A. 3d Cir.), 184 F.720.

**595,231** See Reissue 11,905.

**595,236** Load dumping apparatus, T. Carroll, Dec. 7, 1897, claims 1. 6 and 7 valid and infringed, (C. C. A. 9th Cir.), 173 F. 280.

**595,410** Electric motor, E. D. Priest, Dec. 14, 1897, case at issue Jan. 3, 1910, no testimony taken, (No. 10,973, D.Ind.), General Electric Co. v. Winona Interurban Ry. Co., not reported.

**595,435** Steam turbine, C. G. Curtis, Dec. 14, 1897, claims 1 to 4 inclusive void, (C. C. A. 3rd Cir.), 202 F. 932; claims 1 to 4 void, (C. C. A. 3rd Cir.), 211 F. 124.

**595,693** Suspension of aerial cables, George Cameron, Dec. 21, 1897, claims 5 to 9 void, (C. C. E. D. Pa.), 189 F. 396.

**595,704** Solder saving device, O. S. Fellows, Dec. 21, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.

**595,705** Solder saving device, O. S. Fellows, Dec. 21, 1897, void, (C. C. S. D. N. Y.), 180 F. 421; (C. C. A. 2nd Cir.), 205 F. 901.

**595,837** Underfeed stoker, J. M. Roe, Dec. 21, 1897, claim 1 anticipated by 566,871, (C. C. D. R. I.), 165 F. 65.

**595,852** Sectional steam boiler, W. D. Hoxie, Dec. 21, 1897, valid, infringed, (C. C. D. N. J.), 151 F. 265.

## 1898

**596,656** Stamp holder, F. G. Farnham, Jan. 4, 1898, claims 1 and 2 void, 47 Ct. of Cls. 207.

**596,730** Piano player, M. S. Wright, Jan. 4, 1898, not infringed, (C. C. S. D. N. Y.), 173 F. 83; not infringed, (C. C. A. 2nd Cir.), 178 F. 826.

**597,159** Tender for trolley ropes, C. F. Wilson, Jan. 11, 1898, claim 2 void anticipated by 563,531, (C. C. D. Mass.), 173 F. 619.

**597,300** Computing scale, A. U. Smith, Jan. 11, 1898, claim 2 void, (C. C. A. 7th Cir.), 208 F. 410.

**597,686** Store or counter stool, A. R. Milner, Jan. 18, 1898, damages and profits, (C. C. A. 6th Cir.), 166 F. 120.

**598,497** Paper bag machine, E. E. Claussen, Feb. 8, 1898, infringes 558,969, (C. C. A. 1st Cir.), 150 F. 741.

**598,610** Coin controlled telephone pay station, W. Gray, Feb. 8, 1898, void, (C. C. A. 7th Cir.), 174 F. 417.

**599,428** Type-writing machine, G. B. Webb, Feb. 22, 1898, does not infringe claims 8, 11, 12 or 15 of 791,420, (C. C. A. 2d Cir.), 186 F. 334.

**599,438** Knitted fabric, W. M. Bell, Feb. 22, 1898, not infringed, (C. C. A. 2nd Cir.), 149 F. 205.

**599,587** Magazine firearm, Bennett & Mason, Feb. 22, 1898, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.

**600,186** Fireproof window, F. Voightmann, Mar. 8, 1898, void, (C. C. A. 8th Cir.), 148 F. 848; demurrer to bill overruled, (C. C. S. D. N. Y.), 176 F. 371; claims 5, 6 and 7 void, (C. C. A. 2nd Cir.), 198 F. 485.

**600,228** Transformer, C. Kurda, Mar. 8, 1898, valid and infringed, (C. C. A. 7th Cir.), 183 F. 418.

**600,429** Isomerid of ionone and method of producing the same, E. De Laire, Mar. 8, 1898, valid, infringed, (C. C. S. D. N. Y.), 165 F. 934; decree affirmed,(C. C. A. 2nd Cir.), 169 F. 1021.

**600,826** Process of mercerizing vegetable fibers and fabrics, Thomas & Prevost, Mar. 15, 1898, anticipated by British patent to Lowe, 4452 of 1890, (C. C., D. Mass.),147 F. 725.

**600,827** Process of mercerizing vegetable fibers and fabrics, Thomas & Prevost, Mar. 15, 1898, anticipated by British patent to Lowe, 4452 of 1890,(C. C. D. Mass.), 147 F. 725.

**601,408** Cam for knitting machines, W. T. Barratt, Mar. 29, 1898, not infringed, (C. C. D. Mass.), 156 F. 665.

**601,622** Shoe last, A. D. Tyler, Mar. 29, 1898, claims 1, 2, 3 and 5 valid and infringed, (D. C. D. Mass.), 196 F. 900.

**601,995** Albumen preparation soluble in water (Sanatogen), Bauer & Busch, Apr. 5, 1898, question certified by App. D. C. answered in negative, (U. S. Sup. Ct.), 229 U. S. 1; demurrer sustained and bill dismissed, 41 App. D. C. 1.

**602,509** Extension table, W. H. Klein, Apr. 19, 1898, not infringed, (C. C. A. 7th Cir.), 212 F. 738.

**602,743** Device for closing punctures in pneumatic tires, G. F. Glidden, Apr. 19, 1898, claims 1, 2, 4, 5 and 10, valid and infringed, (C. C. D. Conn.), 172 F. 149; valid and infringed by 818,402, (C. C. A. 2nd Cir.), 178 F. 91.

**602,770** Exhauster, N. B. Pratt, Apr. 19, 1898, Pratt Engineering & Machine Co. v. B. F. Sturtevant Co., pending, (D. C. D. Mass.), for compl., Edmund H. Parry; same v. same, pending, (Sup. Ct. D. C.), for compl., Edmund H. Parry.

**603,406** Bookbinding machine, J. McClellan, May 3, 1898, void, (C. C. A. 2nd Cir.), 204 F. 286.

**603,428** Temporary binder, L. M. Leslie, May 3, 1898, on demurrer to bill, (C. C., S. D. N. Y.), 157 F. 236; claims 3, 4, 7 and 12 valid, not infringed, (C. C. S. D. N. Y.), 168 F. 284.

**603,699** Cithern or "Zither," C. T. Menze, May 10, 1898, claims 1 to 3 not infringed, (C. C. D. N. J.), 154 F. 845.

**603,841** Blotter bath, Fairbank & Cantril, May 10, 1898, claims 2 and 4 valid, infringed, (C. C. N. D. Ill., E. D.), 157 F. 556.

**604,346** Wardrobe trunk, S. W. Bonsall, May 17, 1898, claim 3 valid, infringed, claims 4 and 5 void, (C. C. S. D. N. Y.), 161 F. 564; decree of court below holding claim 3 valid and infringed, claims 4 and 5 void, affirmed, (C. C. A. 2nd Cir.), 175 F. 1019.

**604,465** Electric meter, T. Duncan, May 24, 1898, claims 3, 6 and 7 not infringed by 752,048, (C. C. A. 7th Cir.), 163 F. 839.

**604,560** See Reissue 11,843.

**604,676** Weather-strip, John Follansbee, May 24, 1898, claim 2 not infringed by 805,155, (C. C. A. 8th Cir.), 187 F. 837.

**605,138** Barrel washer, G. Schock, June 7, 1898, void, (C. C. A. 7th Cir.), 147 F. 229.

**605,399** Hydraulic mechanism for closing bulkhead doors, W. B. Cowles, June 7, 1898, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.

**605,734** Take-down gun, W. Mason, June 14, 1898, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.

**605,947** Necktie, C. W. T. Davies, June 21, 1898, not infringed, (C. C. S. D. N. Y.), 153 F. 759; valid, infringed, (C. C. A. 2nd Cir.), 160 F. 661.

**606,015** System of electrical distribution, B. G. Lamme, June 21, 1898, bill dismissed, (C. C. D. N. J.), 168 F. 91; valid and infringed, (C. C. A. 3rd Cir.), 176 F. 362.

**606,528** Machine for folding and pressing blanks for collars and cuffs, A. D. Fenwick, June 28, 1898, claim 52 infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.

**607,304** Beer-pasteurizing apparatus, E. Wagner, July 12, 1898, claim 1 void, anticipated by British 5,065 of 1881, (C. C. A. 8th Cir.), 190 F. 573.

**607,759** Baking pan, Joseph Mathy, July 19, 1898, cited in trademark interference in re the word "Savory" as a trademark for baking or roasting pans, 35 App. D. C. 151.

**608,220** Mechanical movement for washing machine, A.Plagman, Aug. 2, 1898, not infringed by 740,868, (C. C. A. 8th Cir.), 159 F. 726.

**608,653** Hay stacker, J. Dain, Jr., Aug. 9, 1898, valid and infringed, (D. C. E. D. Mo., N. D., Jan. 23, 1912), Dain Mfg. Co. of Iowa v. Superior Haystacker Mfg. Co., not reported; claims 1, 2, 4 and 12 valid and infringed by 819,187, (C. C. A. 8th Cir.), 208 F. 549.

**608,842** Electric meter, Davis & Conrad, Aug. 9, 1898, claims 9 and 10 not infringed, (C. C. A. 2nd Cir.), 200 F. 584.

**609,154** Wireless telegraph apparatus, O. J. Lodge, Aug. 16, 1898, valid and infringed, (D. C. E. D. N. Y.), 213 F. 815.

**609,200** See Reissue 11,811.

**609,320** Vehicle-tire, C. T. Adams, Aug. 16, 1898, not infringed, (C. C. D. Conn.), 189 F. 402; valid and infringed, (C. C. A. 2nd Cir.), 200 F. 743.

**609,800** Radiator, A. H. Fowler, Aug. 30, 1898, claims 1 and 2 not infringed, (C. C. A. 3rd Cir.), 172 F. 661; claims 1 to 4 inclusive void, (D. C. S. D. N. Y.), 202 F. 964; not infringed, (C. C. W. D. Pa.), 203 F. 514; claims 1 and 2 valid and infringed, claims 3 and 4 void, (C. C. A. 2nd Cir.), 215 F. 905.

**609,928** Thill coupling, C. C. Bradley, Aug. 30, 1898, infringed, (C. C. A. 2nd Cir.), 158 F. 98; not infringed, (C. C. N. D. N. Y.), 165 F. 447; held infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 166 F.327; void, (C. C. A. 2nd Cir.), 175 F. 75.

**609,977** Electric railway motor, A. Schmid, Aug. 30, 1898, claims 1, 2, 3, 4 and 6 valid and infringed, (C. C. D. N. J.), 180 F. 751; no testimony taken since filing of replication, (No. 5924, S. D. Ohio), Westinghouse Co. v. Bullock Co.; bill dismissed by stipulation, (No. 1919, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported; claims 1, 2, 3, 4 and 6 valid and infringed, (C. C. A. 3d Cir.), 184 F. 722.

**610,861** Film support for photographic purposes, H. Goodwin, Sept. 13, 1898, claims 1, 6, 8, 10 and 12 valid and infringed, (D. C. W. D. N. Y.), 207 F. 351; (C. C. A. 2nd Cir.), 213 F. 231; on motion for injunction, (C. C. A. 2nd Cir.), 213 F. 239.

**611,259** Autographic register, A. Krauth, Sept. 27, 1898, void, (C. C. A. 2nd Cir.), 202 F. 217.

**611,438** Speed wagon, F. W. Phillips, Sep 27, 1898, valid, infringed, (C. C. W. D. N. Y.), 160 F. 966; decree of court below holding infringement affirmed, (C. C. A. 2nd Cir.), 173 F. 1021.

**611,782** Process of treating raisins, W. Forsyth, Oct. 4, 1898, claims 7 to 12 void, (C. C. A. 9th Cir.), 195 F. 264.

**611,900** Process of enameling metal surfaces, Garland & Garland, Oct. 4, 1908, valid and infringed, (C. C. A. 6th Cir.), 207 F. 346.

**611,907** Cement girder, F. Hennebique, Oct. 4, 1898, not infringed, (C. C. D. Md.), 163 F. 300; not infringed, (C. C. A. 4th Cir.), 169 F. 287; not limited in term in view of prior French patent of addition, (C. C. A. 3rd Cir.), 172 F. 869; not infringed, (C. C. A. 8th Cir.), 182 F. 496.

**612,701** Igniter for gas, oil or vapor engines, F. W. Canfield, Oct. 18, 1898, valid but not infringed, (D. C. S. D. N. Y.), 200 F. 433; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 364.

**612,702** Electric railway switch, R. V. Cheatham, Oct. 18, 1898, charge of court held not erroneous, (C. C. A. 2nd Cir.), 194 F. 963; valid and infringed, (D. C. E. D. N. Y.), 203 F. 285; decree affirmed, (C. C. A. 2nd Cir.), 209 F. 229.

**612,825** Can labeling machine, E. W. Cornell, Oct. 25, 1898, claim 1 valid, infringed, claim 6 void, (C. C., D. Md.), 163 F. 531.

**613,821** Shoe upper, G. L. Motteler, Nov. 8, 1898, suit pending, defense of prior use, (No. 5791, C. C. St. Louis), Geo. L. Motteler v. Brown Shoe Co., not reported.

**614,279** Bin, Edwin J. Walker, Nov. 15, 1898, claim 1 valid and infringed, preliminary injunction granted, (C. C. W. D. Pa.), 188 F. 435.

**614,587** Means for protecting edges of concrete work, H.H.Wainwright, Nov. 22, 1898, void, (C. C., E. D. La.), 155 F. 279.

**615,500** Coat pad, C. W. Schweichler, Dec. 6, 1898, void, (C. C. A. 7th Cir.), 147 F. 704.

**615,784** Thermocauter lancet, W. H. Beach, Dec. 13, 1898, held to anticipate 727,034, (C. C. A. 7th Cir.), 174 F. 45.

**615,921** Bill hook and advertising card, H. D. Studabaker, Dec. 13, 1898, not infringed, (C. C. W. D. N. Y.), 167 F.565.

**616,394** Pump-curb reservoir, C. A. Bartliff, Dec. 20, 1898, claim 1 not infringed, (D. C. W. D. Mo. W. D.), 198 F. 857.

**616,659** Gyratory stone crusher, Gates & Capen, Dec. 27, 1898, void, (C. C. A. 8th Cir.), 147 F. 700.

## 1899

**617,942** Acetylene gas burner, H. E. Shaffer, Jan. 17, 1899, void, (C. C. A. 2nd Cir.), 147 F. 253.

**618,154** Type-writing machine, G. B. Webb, Jan. 24, 1899, does not infringe claims 8, 11, 12 or 15 of 791,420, (C. C. A. 2d Cir.), 186 F. 334.

**618,163** Electric motor control, W. M. Brown, Jan. 24,1899, Court of Appeals on June 8, 1909 affirmed decision of lower court dismissing bill of complaint, (No. 1910, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported; claim 6, anticipated by Potter patent 524,396, (C. C. A. 6th Cir.), 172 F. 371.

**618,428** Candy machine, Morrison & Wharton, Jan. 31, 1899, valid, claim 1 infringed, (C. C., E. D. Mo.), 156 F. 972; claim 1 infringed. (C. C. D. N. J.), 161 F. 552; claim 1 not infringed, (C. C. A. 3rd Cir.), 166 F. 764.

**619,567** Face plate for burial caskets, W. Hamilton, Feb. 14, 1899, valid, infringed, (C. C. S. D. N. Y.), 153 F. 765; void, (C.C.A. 2nd Cir.), 157 F. 392; see Reissue 12,750.

**619,693** Fruit-seeding machine, G. Pettit, Feb. 14, 1899, valid and infringed, (C. C. A. 9th Cir.), 182 F. 59; decree circuit court affirmed, (C. C. A. 7th Cir.), 182 F.1022.

**620,070** See Reissue 11,778.

**620,125** Book typewriter, W. P. Hatch & F. W. Hillard, Feb. 28, 1899, claims 11, 12 and 13, valid and infringed, (C. C., S. D. N. Y.), 171 F. 96.

**620,343** Rotary transformer regulation, R. D. Mershon, Feb. 28, 1899, bill dismissed by stipulation Nov. 10, 1908, (No. 1984, N. D. Ohio) Westinghouse Co. v. Toledo etc. Co., not reported.

**620,467** Hay-carrier, W. Louden, Feb. 28, 1899, void, (C. C. W. D. Wis.), 186 F. 522.

**620,541** Method and mechanism for rolling black plate, W. H. Donner, Feb. 28, 1899, valid, claim 5 void, claim 4 infringed, (C. C. W. D. Pa.), 160 F. 971; void, (C. C. A. 3rd Cir.), 165 F. 199.

**620,886** Swaging device for chain links, D. Carroll, Mar. 14,1899, anticipated by Swiss patent to Goerke 9592, (C. C. A. 6th Cir.), 148 F. 622.

**620,895** Atomizer, H. M. Dunlap, Mar. 14, 1899, claims 2 and 3 void, claim 8 not infringed, (C. C. A. 8th Cir.), 151 F. 223.

**620,931** Steam and hot water boiler, W. Kane, Mar. 14, 1899, not infringed, (D. C. E. D. Pa.), 216 F. 932.

**621,215** Machine for mfg. dishes and trays, N. E. Brown, Mar. 14, 1899, not infringed, (No. 1420 and 1426, C. C. D. Mich.), Am. Mercantile Co. v. Thomsonville Woodenware Co., Arthur Stem for complt., G. S. Noble for dft., not reported.

**621,423** Boot tree, L. H. Leadam, Mar. 21, 1899, claim 1 not infringed, (C. C. S. D. N. Y.), 166 F. 322; claim 1 not infringed, (C. C. A. 2nd Cir.), 170 F. 76.

**621,424** Boot tree, L. H. Leadam, Mar. 21, 1899, claims 1 and 2 not infringed, (C. C. S. D. N. Y.), 166 F. 322; claims 1 and 2 not infringed, (C. C. A. 2nd Cir.), 170 F. 76.

**621,660** Typewriting machine support, T. J. Halle, Mar. 21,1899, void, (C. C., S. D. N. Y.), 171 F. 96.

**621,974** Package for biscuits, F. M. Peters, Mar. 28, 1899, void, (D. C. N. D. Ill., E. D.), 200 F. 774; (C. C. A. 7th Cir.), 215 F. 724.

**622,190** Saw guide, C. O. Seavey, Mar. 28, 1899, not infringed by 867,927, (C. C. N. D. N. Y.), 160 F. 494; valid, infringed, (C. C. A. 2nd Cir.), 166 F. 760.

**622,403** Cell-case machine, G. W. Swift, Jr., April 4, 1899, claim 1 void, claim 19 not infringed, (C. C. A. 7th Cir.), 149 F. 216.

**622,532** Gold dredging apparatus, R. H. Postlethwaite, Apr. 4, 1898, claim 3 not infringed, (C. C. A. 9th Cir.), 174 F. 224.

**622,834** Golf ball, Work & Haskell, Apr. 11, 1899, valid and infringed, (D. C. D. Mass.), 210 F. 624; (C. C. A. 1st Cir.), 217 F. 407.

**623,423** Staking machine, Pierce & Poinsett, Apr. 18, 1899, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.

**623,620** Sash-lock, J. R. Payson, Apr. 25, 1899, valid and infringed, (C. C. A. 7th Cir.), 206 F. 60.

**623,686** Machine for molding building blocks, H. S. Palmer, Apr. 25, 1899, claims 6 and 7 infringed, claims 8 and 14 not infringed, (C. C. E. D. N. Y.), 148 F. 702.

**623,809** Expansion bolt, K. & V. McCreery, Apr. 25, 1899, motion of defendant to intervene allowed and motion of plaintiff to strike out denied, (D. C. W. D. Wis.), 216 F. 186.

**623,857** Card records, S. T. Williams, April 25, 1899, void, (C. C. A. 1st Cir.), 148 F. 380.

**623,933** Bowling alley, W. H. Wiggins, April 25, 1899, void, (C. C. E. D. Pa.), 159 F. 729; (C. C. A. 3rd Cir.), 165 F.56.

**624,261** Butter-cutting machine, R. R. Stone, May 2, 1899, suit on contract, (C. C. S. D. N. Y.), 181 F. 128; suit on contract, (C. C. A. 2d Cir.), 185 F. 515.

**624,301** Double horn for graphophones, C. G. Conn, May 2, 1899, claims 7 and 8, not infringed by the device of pat. No. 773,740, (C. C. A. 6th Cir.), 182 F. 822.

**624,401** Annealing furnace, W. & J. C. Swindell, May 2, 1899, claims 1 and 2 valid and infringed, (D. C. W. D. Pa.), 198 F. 490; (C. C. A. 3rd Cir.), 204 F. 442.

**624,460** Angle clamp, J. L. Crane, May 9, 1899, valid and infringed, (C. C., S. D. N. Y.), 169 F. 830.

**624,563** Process of making artificial stone, Charles W. Stevens, May 9, 1899. valid and infringed, (C. C., E. D. N. Y.), 170 F. 192; qualified preliminary injunction granted, (C. C. S. D. N. Y.), 173 F. 88; motion to punish for contempt sustained, (C. C. E. D. N. Y.), 176 F. 368; claim 1 void, (C. C. D. Mass.), 188 F. 808; valid and infringed, (C. C. A. 1st Cir.), 202 F. 747; decree awarding damages and costs affirmed, (C. C. A. 1st Cir.), 214 F. 572.

**624,591** Sofa-bed, T. G. Weyer, May 9, 1899, valid but not infringed by 863,365, rehearing denied, (C. C. N. D. Ill.), 188 F. 662.

**624,597** Card records, S. T. Williams, May 9, 1899, claims 3 and 4 void, claims 1 and 2 valid, infringed, (C. C. A. 1st Cir.), 148 F. 380.

**625,150** Knuckle, William Crutchlow, May 16, 1899, all four claims valid and infringed, (C. C. D. N. J.), 189 F. 616; valid and infringed, (C. C. A. 3rd Cir.), 193 F. 413.

**625,155** Pipe coupling, S. R. Dresser, May 16, 1899, valid, infringed, (C. C. A. 1st Cir.), 153 F. 903.

**625,164** Bedstead fastening, Hall & Tilley, May 16, 1899, not infringed by 650,311, (D. C. E. D. N. Y.), 195 F. 946; (C. C. A. 2nd Cir.), 202 F. 213.

**625,309** Refrigerator, J. H. Ames, May 23, 1899, infringes claims 1, 3 and 7 of 539,009, (C. C. D. N. J.), 171 F. 416; infringes claims 1, 3 and 7 of 539,009, (C. C. A. 3d Cir.), 178 F. 278.

**625,517** Mucilage-holder, W. H. Redington, May 23, 1899, void, (C. C. W. D. Ky.), 189 F. 635; claim 3 not infringed, (C. C. A. 6th Cir.), 200 F. 57.

**625,744** Adjusting device for automatic musical instruments, M. Clark, May 30, 1899, claims 1, 5, 6 and 7 void, claims 2, 3 and 4 valid and infringed, (D. C. S. D. N. Y.), 202 F. 960.

**625,806** Dynamo, E. W. Rice, May 30, 1899, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.

**626,476** Tooth regulating device, E. H. Angle, June 6, 1899, valid and infringed, (C. C., S. D. N. Y.), 171 F. 93.

**626,537** Enameling compound for surfacing paper and method of producing the same, William A. Hall, June 6, 1899, void because of prior public use, (C. C., E. D. Pa.), 172 F. 237; void for prior public use, (C. C. A. 3rd Cir.), 174 F. 341.

**626,670** Electrical burglar alarm, C. Coleman, June 13, 1899, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claim 1 not infringed, (C. C. A. 8th Cir.), 209 F. 845.

**626,746** Grain separator, C. E. Bird, June 13, 1899, not infringed, (C. C. A. 8th Cir.), 168 F. 259.

**626,832** Electric meter, E. S. Halsey, June 13, 1899, void, (C. C. A. 7th Cir.), 174 F. 141.

**626,900** Heddle making machine, W. H. Gibbs, June 13, 1899, claims 4 to 8, 13 and 14 void, claim 15 valid, infringed, (C. C. D. Mass.), 153 F. 291; (C. C. A. 1st Cir.), 157 F. 676.

**626,927** Incandescent lamp socket, C. G. Perkins, June 13, 1899, valid and infringed by one structure but not by others, (C. C. A. 6th Cir.), 179 F. 511; claims 4 and 6 valid and infringed, (C. C. D. Mass.), 187 F. 635; claims 4 and 6 not infringed, (C. C. E. D. Pa.), 187 F. 942; accounting refused, costs divided, (C. C. N. D. Ohio, W. D.), 189 F. 625; claims 4 and 6 valid and infringed, (C. C. A. 3d Cir.), 191 F. 366.

**627,054** Electrical burglar alarm system, C. Coleman, June 13, 1899, claim 17 not infringed, (C. C. D. Minn. 4th Div.) 181 F. 350.

627,732 Silo, George D. Harder, June 27, 1899, claim 4 valid and infringed, (C. C. N. D. N. Y.), 188 F. 792; on motion for preliminary injunction, claim 4 held valid and infringed, (D. C. N. D. N. Y.), 200 F. 966.

627,898 Car truck, George M. Brill, June 27, 1899, if conceded validity not infringed, (Ct. of App. D. C.), 30 App. D. C. 255; claims 13 and 81 not infringed, (U.S. Sup. Ct.), 215 U. S. 527.

627,900 Car truck, G. M. Brill, June 27, 1899, claims 13, 14, 15 and 17 not infringed, (U. S. Sup. Ct.), 215 U. S. 527.

628,027 Glass making art, M. J. Owens, July 4, 1899, infringed, (C. C. W. D. Pa.), 161 F. 355; decree for complainant, (D. C. W. D. Pa.), 216 F. 172.

628,176 Computing machine, D. E. Felt, July 4, 1899, claims 1, 2 and 4 void, (C.C.N.D. Ill., E.D.), 161 F. 365; plea setting up a license sustained, (C. C. N. D. Ill. E. D.), 175 F. 787; demurrer sustained, (C. C. N. D. Ill. E. D.), 175 F. 792; bill dismissed, (C. C. A. 7th Cir.), 183 F. 321; void, 41 App. D. C. 427.

628,464 Electric signaling apparatus and circuit, Felix Benedict Herzog, July 11, 1899, claims 11, 12, 13, 19 and 20, valid, not infringed, (C. C., S. D. N. Y.), 172 F. 425; claims 11, 12, 13, 19 and 20 not infringed, (C. C. A. 2nd Cir.), 176 F. 349.

628,886 Lock rod for cards, D. E. Hunter, July 11, 1899, not infringed by 760,404, (C. C. A. 1st Cir.), 147 F. 246.

629,590 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.

629,591 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.

629,592 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.

629,696 Lath carrying device for paper-drying machine, S. R. Liberty, July 25, 1899, claim 2 not infringed, (C. C. D. Mass.), 164 F. 877; claim 2 not infringed, (C. C. A. 1st Cir.), 175 F. 780.

630,037 Buckle for overalls, B. G. Corser, Aug. 1, 1899, void, if valid, not infringed, (C. C. S. D. N. Y.), 157 F. 759.

**630,418** Method of and means for inducing magnetism in magnetic circuits, Charles Steinmetz, Aug. 8, 1899, bill alleging contributory infringement dismissed, (C. C. W. D. Pa.), 186 F. 637.

**630,553** Tufting button, F. A. Neider, Aug. 8, 1899, anticipated by 377,029, (C. C. E. D. Ky.), 167 F. 132; anticipated by 377,029, (C. C. A. 6th Cir.), 167 F. 128.

**630,930** Armature for dynamos, H. G. Reist, Aug. 15, 1899, complainant's prima facie proofs closed Feb. 28, 1907, awaiting defendant's testimony, (D. N. J.), General Electric Co. v. Allis-Chalmers Co. and Bullock Co., not reported.

**631,033** Toilet mirror, Wright & Curry, Aug. 15, 1899, decree assessing damages affirmed, (C. C. A. 3rd Cir.), 199 F. 427.

**631,518** Frames for electric motors, etc., J. Burke, Aug. 22, 1899, claims 1 and 3 anticipated, (C. C. A. 2nd Cir.), 150 F. 131.

**631,525** See Reissue 11,907.

**632,020** Furnace for heating ingots, C. H. Morgan, Aug. 29, 1899, valid but not infringed, (D. C. W. D. Pa.), 203 F. 496; claims 3, 4, 5, 6 and 7 valid and infringed, (C. C. A. 3rd Cir.), 213 F. 451.

**632,124** Manure spreader, Joseph S. Kemp, Aug. 29, 1899, claims 1 to 8 not infringed by the Brown patents 731,539 and 821,779, (C. C. D. Mass.), 172 F. 436; not infringed, (C. C. A. 1st Cir.), 183 F. 330.

**632,513** Electrical burglar alarm system, C. Coleman, Sept. 5, 1899, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.

**632,527** Stamp canceling machine, G. W. Hey, Sep. 5, 1899, not infringed, (C. C. A. 1st Cir.), 156 F. 362.

**632,540** Puncture-closer for pneumatic tires, R. W. Sampson, Sept. 5, 1899, claims 1 and 2, valid and infringed, (C. C., D. Conn.), 172 F. 149; valid and infringed by 818,-402, (C. C. A. 2nd Cir.), 178 F. 91.

**632,680** Book typewriter support, R. J. Fisher, Sept. 5, 1899, claims 1 and 3, not infringed, (C. C. S. D. N. Y.), 171 F. 96.

632,681 Means for supporting the platen of book typewriters, R. J. Fisher & C. F. Laganke, Sept. 5, 1899, claims 8, 9 and 13, not infringed, (C. C. S. D. N. Y.), 171 F. 96.

632,769 Account book, Wever & Parmerter, Sep. 12, 1899, void, (C. C. D. Conn.), 165 F. 348.

633,184 Waterwheel bucket, W. A. Doble, Sep. 19, 1899, held to not infringe 454,638, (C. C. A. 9th Cir.), 151 F. 29.

633,672 Typewriter, H. L. Wagner et al., Sept. 26, 1899, claims 25, 27 and 28 not ifnringed by 852,400, (C. C. S. D. N. Y.), 177 F. 230; claims 25, 27 and 28 not infringed by 852,400, (C. C. A. 2d Cir.), 184 F. 329.

633,723 Railway switch, C. F. Kress, Jr., Sep. 26, 1899, claims 1, 2, 3, 5 and 6 not infringed, (C. C. N. D. Ill., E. D.), 158 F. 636; void, (C. C. A. 7th Cir.), 171 F. 648.

633,771 Electric switch, Wright & Aalborg, Sept. 26, 1899, void, (C. C. A. 2nd Cir.), 194 F. 427.

633,772 Automatic circuit breaker, Wright & Aalborg, Sept. 26, 1899, infringement doubtful, preliminary injunction denied, (C. C. E. D. Pa.), 149 F. 437; claims 2 and 5 valid, infringed, (C. C. S. D. N. Y.), 159 F. 144; (C. C. A. 2nd Cir.), 157 F. 546; claims 2 and 5, valid and infringed, (C. C. A. 3rd Cir.), 169 F. 634; valid and infringed, (C. C. A. 2nd Cir.), 212 F. 946.

633,941 Dredger for pulverulent material, J. W. Arrott, Jr., Sep. 26, 1899, valid, infringed, (C. C. D. N. J.), 152 F. 635; (C. C. A. 3rd Cir.), 159 F. 135; void, (D. C. W. D. Pa.), 213 F. 638.

634,042 Pneumatic carpet renovator, J. S. Thurman, Oct. 3,1899, claim 1 infringed, (C. C. E. D. Wis.), 177 F. 272; claim 1 not infringed, (C. C. A. 7th Cir.), 195 F. 744.

634,220 Electric signaling apparatus, Smalley & Reiners, Oct. 3, 1899, claims 2, 17 and 18 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.

634,423 Process of and apparatus for treating sewage, Cameron, Commin & Martin, Oct. 3, 1899, void, if valid not infringed, (C. C. N. D. N. Y.), 151 F. 242; apparatus claims void, process claims valid, infringed, (C. C. A. 2nd Cir.), 159 F. 453; decree (C. C. S. D. Ia.), affirmed, (U. S. Sup. Ct.), 227 U. S. 39.

**634,424** Apparatus for use in purifying foul water or sewage, D. Cameron et al., Oct. 3, 1899, replication filed Apr. 1905, (7th Cir. D. Wis.), Cameron Septic Tank Co. v. Allis-Chalmers Co., not reported.

**634,549** Thill coupling, C. C. Bradley, Oct. 10, 1899, motion for preliminary injunction denied, (C. C. S. D. N. Y.), 166 F. 327.

**634,838** Acetylene gas burner, H. E. Shaffer, Oct. 10, 1899, void, (C. C. A. 2nd Cir.), 147 F. 253.

**634,923** Corn husker, Theo. P. Walter, Oct. 17, 1899, claims 1, 2 and 3 void, (C. C. A. 8th Cir.), 182 F. 811.

**635,429** Asphaltic fluxes, Culmer & Culmer, Oct. 24, 1899, valid and infringed, (D. C. N. D. Ill.), 203 F. 508.

**635,430** Asphaltic fluxes, Culmer & Culmer, Oct. 24, 1899, valid and infringed, (D. C. N. D. Ill.), 203 F. 508.

**635,619** Soil pipe drainage and venting fitting, F. Walker, Oct. 24, 1899, valid, not infringed, (C. C. A. 9th Cir.), 164 F. 693.

**636,482** Drier-felt for paper machines, W. L. Barrell, Nov. 7, 1899, valid and infringed, (D. C. D. Mass.), 207 F. 371; (C. C. A. 1st Cir.), 214 F. 777.

**637,234** See Reissue 11,923.

**637,444** Bifocal lens, John L. Borsch, Nov. 21, 1899, order enjoining complainant from bringing other suits reversed, (C. C. A. 8th Cir.), 190 F. 767; valid and infringed, (D. C. W. D. Mo., W. D.), 207 F. 85; (C. C. A. 8th Cir.), 214 F. 368; valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 214 F. 983.

**637,976** Sofa and bed, W. T. Rolph, Nov. 28, 1899, valid but not infringed by 863,365, rehearing denied, (C. C. N. D. Ill.), 188 F. 662.

**638,004** Machine for making incandescent mantles, B.Von Bultzingslowen, Nov. 28, 1899, valid and claims 1, 5, 8 and 10 infringed, (C. C. S. D. N. Y.), 181 F. 122.

**638,354** Bottle sealing machines, W. Painter, Dec. 5, 1899, claims 4, 5 and 6 not infringed, (D. C. N. D. Ohio, W. D.), 210 F. 26; not infringed, (C. C. A. 6th Cir.), 217 F. 381.

**638,540** Combined abdominal pad and hose supporter, E. F. Young, Dec. 5, 1899, valid and infringed, motion for preliminary injunction granted, (C. C., S. D. N. Y.), 148 F. 92; claim 1 valid, infringed, (C. C. D. Mass.), 153 F. 585; (C. C. A. 1st Cir.), 159 F. 710; decree dismissing bill affirmed, (C. C. A. 2d Cir.), 184 F. 71; suit on contract, (C. C. D. Conn.), 189 F. 407.

**638,669** See Reissue 12,085.

**639,222** Spring bed, J. F. Gail, Dec. 19, 1899, void, (D. C. N. D. Ill. E. D.), 206 F. 68.

**639,608** Steam turbine, C. A. Parsons, Dec. 19, 1899, replication filed June 19, 1906, no testimony taken, notified by complainant that case would be discontinued, (No.76, D. N. J.), Westinghouse Machine Co. v. Allis-Chalmers Co., not reported.

**639,669** Blind stitch sewing-machine, C. A. Dearborn, Dec. 19, 1899, infringement doubtful, preliminary injunction denied, (C. C. S. D. N. Y.), 167 F. 568; on motion for preliminary injunction, not infringed, (C. C. A. 2nd Cir.), 170 F. 963; claims 1 and 2 infringed, (C. C. S. D. N. Y.), 180 F. 766; claims 1 and 2 infringed by 814,642, (C. C. A. 2d Cir.), 185 F. 503.

**639,891** Sand-box for cars, John C. Duner, Dec. 26, 1899, conceding validity, not infringed, (C. C. A. 6th Cir.), 171 F. 863.

**640,013** Method of assimilating printed and typewritten work, Samuel A. Neidich, Dec. 26, 1899, held not void on demurrer, (C. C., E. D. Pa.), 169 F. 424.

## 1900

**640,197** Pipe coupling, A. M. Hewlett, Jan. 2, 1900, valid, infringed, (C. C. E. D. Pa.), 156 F. 49; (C. C. A. 3rd Cir.), 159 F. 431.

**640,371** Electric fuse, L. W. Downes, Jan. 2, 1900, claim 1 void, (C. C. A. 1st Cir.), 178 F. 707.

**640,456** Switch rod, H. G. Elfborg, Jan. 2, 1900, not infringed by 679,153, (C. C. N. D. Ill., E. D.), 156 F. 591; claims 1, 3 and 6 not infringed by 679,153, (C. C. A. 7th Cir.), 164 F. 843.

**640,816** Attachment for potato harvesters, G. M. Ross, Jan. 9, 1900, void, (C. C. A. 8th Cir.), 157 F. 681.

**641,092** Boiler tube cleaner, W. S. Elliott, Jan. 9, 1900, valid, claims 1, 2, 5, 6 infringed, (C. C. W. D. Pa.), 155 F. 900; preliminary injunction denied, (C. C. N. D. Ill., E. D.), 188 F. 217.

**641,373** Telephone switch board, F. B. Cook, Jan. 16, 1900, decree (118 F. 45) dismissing bill on pleaded license affirmed, (C. C. A. 7th Cir.), 150 F. 766.

**641,546** Battery filler, Richmond & Zeller, Jan. 16, 1900, claims 1, 2, 4, 6 and 7 valid, infringed, (C. C. N. D. Ohio, E. D.), 159 F. 157; valid, infringed, (C. C. A. 6th Cir.), 160 F. 1022, (decision as here reported is in error, corrected in 164 F. 1023).

**642,075** Receptacle for clothing, S. W. Bonsall, Jan. 30, 1900, claims 3 and 4 void, claim 5 valid, infringed, (C. C. S. D. N. Y.), 161 F. 564; decree of court below holding claims 3 and 4 void, claim 5 valid and infringed affirmed, (C. C. A. 2nd Cir.), 175 F. 1019.

**642,472** Cithern or "Zither," C. T. Menze, Jan. 30, 1900, claim 2 not infringed, (C. C. D. N. J.), 154 F. 845.

**642,813** Machine for cleaning rubber, R. Cowen, Feb. 6, 1900, not infringed, (D. C. D. Mass.), 214 F. 806.

**642,814** Process of cleaning rubber, R. Cowen, Feb. 6, 1900, void, (D. C. D. Mass.), 214 F. 806.

**642,869** Controlling means for spark generators, H. N. Motsinger, Feb. 6, 1900, not infringed, (C. C. A. 7th Cir.), 149 F. 995.

**642,926** Process of improving quality of steel armor-plates, A. Schmitz, Feb. 6, 1900, claim 1 void, (C. C. A. 3d Cir.), 191 F. 588.

**643,973** Feeding mechanism for bottle sealing machines, Painter & Hawkins, Feb. 20, 1900, claim 2 construed and held not infringed, (D. C. N. D. Ohio, W. D.), 210 F. 26; claim 2 infringed, (C. C. A. 6th Cir.), 217 F. 381.

**644,077** "Asperin" (acetyl salicylic acid), Felix Hoffman, Feb. 27, 1900, valid and infringed, (C. C., N. D. Ill., E. D.), 171 F. 887; valid and infringed, (C. C. A. 7th Cir.), 179 F. 701; order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 203 F. 476.

**644,137** Method of purifying water, O. H. Jewell, Feb. 27, 1900, valid and infringed, (D. C. M. D. Pa.), 208 F. 10; not infringed, (C. C. A. 3rd Cir.), 217 F. 366.

**644,367** Wood pulp digester composition, R. Panzl, Feb. 27, 1900, does not infringe Reissue 11,282, (D. C. N. D. N. Y.), 217 F. 57.

**644,532** Cotton elevator and gin feeder, S. D. Murray, Feb. 27, 1900, void, (C. C. A. 3rd Cir.), 149 F. 989.

**644,546** Pin setting device, C. W. Crawford, Feb. 27, 1900, valid, infringed by 771,963, (C. C. N. D. Ill., E. D.), 153 F. 288.

**644,664** Underfeed stoker, F. A. Daley, Mar. 6, 1900, claims 1 to 6 infringed, (C. C. D. R. I.), 165 F. 65; does not in-infringe 648,251, (C. C. A. 3rd Cir.), 188 F. 314; valid and infringed, (D. C. D. Mass.), 207 F. 963; valid and infringed, (D. C. D. Mass.), 214 F. 799; valid and infringed on motion for preliminary injunction, (D. C. W. D. Pa.), 214 F. 587; infringed on motion for preliminary injunction, (D. C. D. Mass.), 215 F. 392.

**645,026** Lubricator, H. Woods, Mar. 6, 1900, claims 1 and 2 void, (C. C. A. 2nd Cir.), 157 F. 685.

**645,031** Apparatus for burning pulverized coal in rotary cement furnace, Hurry & Seaman, Mar. 6, 1900, not infringed, (C. C. A. 7th Cir.), 196 F. 385.

**645,088** Electric motor control, W. R. Hamlen, Mar. 13, 1900, no testimony taken since filing of replication, (No. 1909, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.

**645,089** Electric motor control, W. R. Hamlen, Mar. 13, 1900, no testimony taken since filing of replication, (No. 1909, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.

**645,444** Corset stay, J. P. F. White et al., Mar. 13, 1900, infringed, (C. C. W. D. Pa.), 180 F. 470; not infringed, (C. C. A. 3d Cir.), 183 F. 984.

**645,624** Ball and socket fastener, Herman Kerngood, Mar. 20, 1900, does not infringe 580,001, (C. C. A. 2nd Cir.), 151 F. 1022.

**645,676** Circular knitting machine, F. Wilcomb, Mar. 20, 1900, claims 4 and 8 void, (C. C. E. D. Pa.), 181 F. 157.

**645,871** Folding machine for cuff blanks, etc., J. K. P. Pine, Mar. 20, 1900, claims 1 to 4 valid, infringed, (C. C. A. 2nd Cir.), 149 F. 736; claims 4 and 8, as construed narrowly, held valid but not infringed, (C. C. A. 3d Cir.), 188 F. 323.

**646,123** Grass fabric, M. Koeck, Mar. 27, 1900, void, (C. C. A. 7th Cir.), 159 F. 140.

**646,252** Centrifugal shredding and pulverizing machine, F. Andree, Mar. 27, 1900, valid but not infringed, (No. 26,-999, C. C. N. D. Ill.), G. S. Noble for complt., Andree v. Garden City Fan Co., not reported.

**647,907** Hopper-bottom car, C. T. Schoen, Apr. 17, 1900, claim 1 valid, infringed, (C. C. D. N. J.), 161 F. 546; void, (C. C. A. 3rd Cir.), 175 F. 568.

**647,934** Manifolding sales-book and holder, W. F. Beck, Apr. 24, 1900, claims 2 and 3 void, (C. C. A. 2nd Cir.), 150 F. 333.

**648,251** Underfeed furnace, James Garden, April 24, 1900, held valid but not infringed, (C. C. W. D. Pa.), 182 F.642; valid, not infringed by 644,664, (C. C. A. 3d Cir.), 188 F. 314.

**648,529** Dynamo, E. W Robinson, May 1, 1900, case at issue Jan. 3, 1910, no testimony taken, (No. 10,974, D. Ind.), General Electric Co. v. Winona Co., not reported.

**648,897** Box car loader, J. M. Christy, May 1, 1900, claims 1 and 2 valid and infringed, (C. C. A. 8th Cir.), 215 F. 362.

**649,179** Electrical transformer, A. F. Rietzel, May 8, 1900, claims 1, 2 and 3 construed and not infringed, (D. C. D. Conn.), 205 F. 764.

**649,410** System for controlling operation of filters, I. H. Jewell, May 8, 1900, bill dismissed on demurrer as multifarious, (C. C. E. D. Pa.), 186 F. 639.

**649,912** Sadiron, L. D. Clark, May 22, 1900, (C. C. A. 7th Cir.), 166 F. 117.

**649,915** See Reissue 12,137.

**650,311** Bedstead, D. Frank, May 22, 1900, does not infringe 625,164, (D. C. E. D. N. Y.), 195 F. 946; (C. C. A. 2nd Cir.), 202 F. 213.

650,318 Automatic casing perforator for deep wells, E. A. Hardison, May 22, 1900, claim 1 not infringed by 726,625, (C. C. A. 9th Cir.), 156 F. 962.

650,771 Plow, G. C. Avery, May 29, 1900, claims 2 to 6 void, claims 7 and 8 valid and infringed, (C. C. A. 7th Cir.), 148 F. 214.

650,973 Electrical system for watertight doors, G. H. Hill, June 5, 1900, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.

651,004 Water tight bulkhead door, F. T. Bowles, June 5, 1900, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.

651,310 Bed or douche pan, Daniel Hogan, June 5, 1900, valid and infringed, (C. C., S. D. N. Y.), 170 F. 88.

651,664 System of electrical distribution, A. S. Hubbard, June 12, 1900, held to not infringe claims 2 and 6 of 430,-868, (C. C. S. D. N. Y.), 148 F. 695.

651,782 Signal lamp, W. S. Hamm, June 12, 1900, claims 1, 2, 5 and 6 valid but not infringed, (D. C. D. Mass.), 206 F. 303; void, (C. C. A. 1st Cir.), 218 F. 173.

651,938 Sprayer, D. W. B. Smith, June 19, 1900, invalid, (C. C. A. 6th Cir.), 148 F. 12.

651,965 Process of hardening and toughening armor-plates, E. Ehrensberger, June 19, 1900, claims 1 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 588.

652,119 Process of making sulfuric anhydride, R. Knietsch, June 19, 1900, priority awarded as prior inventor over Blackmore, reissue 11,995, (C. C. S. D. N. Y.), 156 F. 968.

652,828 Door check and closer, H. L. Bailey, July 3, 1900, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 362; not infringed, (C. C. A. 7th Cir.), 176 F. 96.

652,977 Telephone party line ringing keys, J. J. O'Connell, July 3, 1900, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey.

653,296 Advertising bill hook placard, W. Hornich, Jr., July 10, 1900, claim 1 void, (C. C. A. 6th Cir.), 212 F. 736.

**653,400** Fireproof door, J. W. Rapp, July 10, 1900, void, claims 2 and 3 if valid not infringed, (C. C. S. D. N. Y.), 158 F. 440; void, (C. C. A. 2nd Cir.), 166 F. 430.

**653,413** Process of improving armor-plates, E. Ehrensberger, July 10, 1900, claims 1 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 588.

**653,893** Oil burner, W. H. Wilder, July 17, 1900, not infringed, (C. C. E. D. N. Y.), 168 F.712; valid but not infringed, (C. C. A. 2d Cir.), 184 F. 457.

**654,292** Molding machinery, Tabor & Mumford, July 24, 1900, claims 9, 10 and 11 not infringed, (C. C. E. D. Pa.), 190 F. 179; affirmed, (C. C. A. 3d Cir.), 191 F. 166.

**654,956** See Reissue 11,982.

**654,991** Machine for making grass twine, G. A. Lowry, July 31, 1900, not infringed by 785,070, (C. C. A. 7th Cir.), 159 F. 429.

**655,143** Ruffling sewing machine, R. G. Woodward, July 31, 1900, claims 5, 9 and 11 not infringed, (D. C. S. D. N. Y.), 201 F. 690.

**655,253** Woven wire fabrics, Locklin & Fox, Aug. 7, 1900, valid, not infringed, (C. C. E. D. N. Y.), 148 F. 715; void, (C. C. A. 2nd Cir.), 159 F. 434.

**655,402** Alloy for anti-friction bearings, Hendrickson & Clamer, Aug. 7, 1900, valid, infringed, (C. C. D. N. J.), 155 F. 409; void, (C. C. A. 3rd Cir.), 160 F. 84.

**655,414** Steam turbine ring of blades, C. A. Parsons, Aug. 7, 1900, complainant's prima facie proofs closed Jan. 22, 1907, defendant's proofs completed Sept. 1909, (No. 68, D. N. J.), Westinghouse Machine Co. v. Allis-Chalmers Co., not reported.

**655,862** Tally card, A. M. Goulding, Aug. 14, 1900, not infringed, (D. C. E. D. N. Y.), 206 F. 677.

**656,421** Slot wedge for dynamos, H. G. Reist, Aug. 21, 1900, replication filed Feb. 4, 1907, no testimony taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.

**656,446** Tube cleaning apparatus, W. S. Elliott, Aug. 21, 1900, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.

**656,553** Track sander, H. L. Leach, Aug. 21, 1900, claims 1, 2 and 8 void, (C. C. D. Del.), 154 F. 83; void, (C. C. A. 3rd Cir.), 162 F. 684.

**656,874** Acetylene-gas lamp, F. E. Baldwin, Aug. 28, 1900, valid and infringed, (C. C. D. Ill., April 4, 1911), Baldwin v. Bleser, not reported; Bleser v. Baldwin, pending, (C. C. A. 7th Cir.), not reported; claim 1 infringed by 949,349, claims 2, 3, 4, 5, 6 and 10 valid but not infringed, (C. C. A. 7th Cir.), 199 F. 133.

**657,184** Coal washer, E. A. Stewart, Sept. 4, 1900, valid and infringed, (C. C. A. 7th Cir.), 204 F. 781.

**658,102** Pneumatic dispatch system, C. S. Bavier et al., Sept. 18, 1900, not infringed, (C. C. D. N. J.), 174 F. 152; infringed, (C. C. A. 3rd Cir.), 180 F. 712.

**659,206** Process of forming an attachment for, and connecting the same to, a natural tooth, J. P. Carmichael, Oct. 9, 1900, void, (C. C. A. 7th Cir.), 192 F. 937.

**659,881** Grain drill, W. A. Van Brunt, Oct. 16, 1900, valid, not infringed by 830,644 and 830,645, (C. C. W. D. Wis.), 160 F. 504; valid, infringed, (C. C. A. 7th Cir.), 168 F. 927; master's report modified, (D. C. W. D. Wis.), 208 F. 281.

**659,928** Ejector for breech loading firearms, T. C. Johnson, Oct. 16, 1900, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.

**660,341** Electrical safety fuse, J. Sachs, Oct. 23, 1900, preliminary injunction denied, (C. C. D. Conn.), 155 F. 129; not infringed, (C. C. D. Conn.), 168 F. 311; motion to strike out part of pleading granted, (C. C. D. Conn.), 176 F. 738; infringed, (C. C. A. 2nd Cir.), 175 F. 70; valid and infringed, (D. C. D. N. J.), 201 F. 356; (C. C. A. 3rd Cir.), 204 F. 288; claims 1, 2, 3, 5 and 6 valid and infringed, (D. C. W. D. N. Y.), 212 F. 173; valid and infringed, (C. C. A. 2nd Cir.), 214 F. 110; valid and infringed, (D. C. E. D. Pa.), 216 F. 639.

**661,023** Prism glass, Ripley & Wadsworth, Oct. 30, 1900, void, (C. C. W. D. Pa.), 150 F. 355.

**661,024** Apparatus for making glass plates, Ripley & Wadsworth, Oct. 30, 1900, valid, claim 1 infringed, (C. C. W. D. Pa.), 150 F. 355; exceptions sustained and account stated, (C. C. W. D. Pa.), 181 F. 151.

**661,025** Process of making glass plates, Ripley & Wadsworth, Oct. 30, 1900, valid, claims 1, 3 and 4 infringed, (C. C. W. D. Pa.), 150 F. 355; exceptions sustained and account stated, (C. C. W. D. Pa.), 181 F. 151.

**661,049** Controlling end play of rotary machines, E. M. Hewlett, Nov. 6, 1900, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.

**661,121** Calculating machine, D. E. Felt, Nov. 6, 1900, claims 37, 38, 39 and 40 not infringed, 41 App. D. C. 427.

**661,447** Apparel belt, H. J. Gaisman, Nov. 6, 1900, claim 6 void, (C. C. D. N. Y.), 158 F. 430.

**661,640** Woven carpet fabric, Alfred Heald, Nov. 13,1900, not infringed, (C. C. E. D. Pa.), 171 F. 891; claim 1 not infringed, (C. C. A. 3rd Cir.), 175 F. 969.

**661,847** Apparatus for mixing tea, etc., R. Burns, Nov. 13, 1900, held to anticipate 814,803, (C. C. A. 2nd Cir.), 177 F. 413.

**662,050** Thill coupling, A. H. Worrest, Nov. 20, 1900, claims 2, 3 and 6 not infringed, (C. C. E. D. Pa.), 180 F. 112; not infringed by 838,767, (C. C. A. 3rd Cir.), 202 F. 757.

**662,226** Cigar pocket, J. J. Dittgen, Nov. 20, 1900, void, (C. C. E. D. Wis.), 181 F. 394.

**662,395** See Reissues 12,796 and 12,797.

**662,714** Skirt, H. J. Feuchtwanger, Nov. 27, 1900, void, (C. C. E. D. Pa.), 180 F. 478; valid and infringed, (C. C. A. 3d Cir.), 183 F. 583; preliminary injunction denied, (C. C. M. D. Pa.), 193 F. 79; motion for preliminary injunction granted, (D. C. E. D. Pa.), 216 F. 195.

**662,919** Cutlery-polishing machine, Dilg & Dilg, Dec. 4, 1900, claim 1 void, (C. C. A. 2d Cir.), 189 F. 588.

**663,069** Process for bleaching nuts, D. Farrell, Dec. 4, 1900, valid, infringed, (C. C. A. 9th Cir.), 166 F. 443.

**663,325** Machine for turning crank axles, J.Blamire, Dec. 4,1900, not infringed, (C. C. M. D. Pa.), 149 F. 780.

**663,359** Dipping-frame for coating candies, P. Panoulias, Dec. 4, 1900, at law, claim 2 valid, judgment for plaintiff affirmed, (C. C. A. 2d Cir.), 188 F. 914.

**664,265** Electric meter, E. S. Halsey, Dec. 18, 1900, claim 2 valid and infringed, (C. C. A. 7th Cir.), 174 F. 141.

**664,383** Apparatus for storing acetylene gas, Claude & Hess, Dec. 25, 1900, claims 1, 2 and 5 valid, infringed, (C. C. E. D. Wis.), 166 F. 907; infringed, (C. C. E. D. Wis.), 181 F. 387; preliminary injunction denied, term of patent limited by British 29,750 of 1896, (C. C. N. D. Ill., E. D.), 188 F. 85; preliminary injunction granted, rehearing denied, (C. C. E. D. Mich., S. D.), 188 F. 89; preliminary injunction granted against defendants, who refilled the patented tanks in violation of license, (C. C. E. D. Mich., S. D.), 190 F. 201; 188 F. 85 affirmed, (C. C. A. 6th Cir.), 192 F. 321; limited as to term and not infringed, (D. C. N. D. Ill., E. D.), 197 F. 908; order granting an interlocutory injunction affirmed, (C. C. A. 8th Cir.), 198 F. 650; limited as to term and not infringed, (C. C. A. 7th Cir.), 203 F.276.

## 1901

**665,033** Pneumatic tool, C. B. Richards, Jan. 1, 1901, claims 20 and 22 void, if valid, not infringed, (C. C. E. D. Pa.), 163 F. 846.

**665,351** Heating apparatus, C. H. Smith, Jan. 1, 1901, claims 5 and 6 valid and infringed, (C. C. D. Minn. 4th Div.), 177 F. 239.

**665,582** Lamp socket, Howard R. Sargent, Jan. 8, 1901, claims 1, 11 and 15 valid and infringed, (C. C. D. N. J.), 190 F. 34; affirmed, (C. C. A. 3rd Cir.), 191 F. 168; valid but not infringed, (D. C. S. D. N. Y.), 208 F. 24; bill dismissed, (D. C. N. D. Ohio, W. D.), 208 F. 719; valid and infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 209 F. 237; not infringed, (C. C. A. 2nd Cir.), 214 F. 380; appeal dismissed, (C. C. A. 6th Cir.), 213 F. 1021; valid and infringed, (C. C. A. 2nd Cir.), 218 F. 639.

**665,648** Machine for coating ppaer with carbon, F. W. Weeks, Jan. 8, 1901, claims 1, 9, 10, 28, 29, 30 and 31 not infringed, (C. C. A. 7th Cir.), 215 F. 718.

**665,774** Book support for typewriting machine, C. Elliott, Jan. 8, 1901, claims 1 to 5, void as being for aggregations, (C. C., S. D. N. Y.), 171 F. 96.

**666,390** Regenerative retort heating furnace, C. F. Neureuther, Jan. 22, 1901, void, (C. C. A. 7th Cir.), 179 F. 850.

**666,571** Wheel tire, H. L. Stillman, Jan. 22, 1901, not infringed, (D. C. D. R. I.), 212 F. 450.

**666,699** Electric elevator, H. Rowntree, Jan. 29, 1901, valid and infringed, (C. C. E. D. Pa.), 196 F. 43; valid and infringed, (C. C. A. 3rd Cir.), 197 F. 743.

**666,711** Process of dessicating blood, milk and the like, R. Stauf, Jan. 29, 1901, valid and infringed, (D. C. W. D. N. Y.), 215 F. 922; valid and infringed, (D. C. N. D. N. Y.), 217 F. 578.

**666,869** Counterbalance for centrifugal pumps, F. H. Jackson, Jan. 29, 1901, valid and infringed, (C. C. N. D. Cal.), 197 F. 44.

**666,928** Eyeglasses, R. B. Finch, Jan. 29, 1901, not infringed, (C. C. N. D. Ill., E. D.), 162 F. 320; not infringed, (C. C. A. 7th Cir.), 176 F. 99.

**667,115** Burglar alarm system, C. Coleman, Jan. 29, 1901, claims 12. 13. 14 and 15 valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.

**667,140** Process of treating hosiery, M. Sarfert, Jan. 29, 1901, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.

**667,142** Process of singeing hosiery, M. Sarfert, Jan. 29, 1901, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.

**667,863** Pneumatic hammer, Joseph Boyer, Feb. 12, 1901, claims 1 to 9 and 32 void, and not infringed if conceded validity, (C. C. N. D. Ohio, E. D.), 171 F. 105; claims 1 to 9 not infringed by 735,589, (C. C. A. 6th Cir.), 185 F. 808.

**668,140** Controller for electric motor, H. B. Cutter, Feb. 12, 1901, void, (C. C. S. D. N. Y.), 156 F. 791.

**668,175** Grain separator, A. S. Froslid, Feb. 19, 1901, claim 1 valid, infringed, (C. C. A. 8th Cir.), 168 F. 259; order refusing to dissolve interlocutory injunction affirmed, (C. C. A. 8th Cir.), 202 F. 202.

**668,269** Metal cutting tool, Taylor & White, Feb. 19, 1901, void, (C. C. D. N. J.), 166 F. 880; decree of court below holding this patent void affirmed, (C. C. A. 3rd Cir.), 173 F. 1019.

**668,270** Method of making metal cutting tools, Taylor & White, Feb. 19, 1901, void, (C. C. D. N. J.), 166 F. 880; decree of court below holding this patent void affirmed, (C. C. A. 3rd Cir.), 173 F. 1019.

**668,495** Grate-bar, P. L. Crowe, Feb. 19, 1901, claims 1 and 2 construed and not infringed by 972,751, (D. C. D. N. J.), 206 F. 164; claims 1 and 2 not infringed, (C. C. A. 3rd Cir.), 213 F. 633.

**668,921** Cigar rolling table and wrapper cutter, I.Liberman, Feb. 26, 1901, claims 1, 2, 3 and 5 not infringed, (C. C. E. D. Pa.), 165 F. 208; not infringed, (C. C. A. 3rd Cir.), 170 F. 590.

**668,960** Conveying and storage apparatus, Piez & Beaumont, Feb. 26, 1901, void, (C. C. A. 2nd Cir.), 150 F. 738.

**669,355** Paper confining means for book typewriters, C.F.Smith, Mar. 5, 1901, void, (C. C., S. D. N. Y.), 171 F. 96.

**669,489** Railway-ticket, Richardson & Langston, March 5, 1901, claim 4 valid and infringed, (C. C. A. 7th Cir.), 187 F. 984; not infringed, (D. C. N. D. Ill., E. D.), 194 F. 444; (C. C. A. 7th Cir.), 203 F. 278.

**669,574** Frame for electric motors, D. M. Bliss, Mar. 12, 1901, claims 1, 2 and 5 void, (C. C. A. 2nd Cir.), 150 F. 131.

**669,621** Pleasure wheel, J. G. Conderman, Mar. 12, 1901, void, (C. C. A. 4th Cir.), 147 F. 915.

**669,662** Multiphase transformer, E. W. Rice, Mar. 12, 1901, defendant's proofs closed May 12, 1910, no rebuttal testimony taken, (D. Ind.), General Electric Co. v. Winona Co.; bill filed Nov. 15, 1910, (No. 6069, D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.

**669,708** Telephone switchboard, C. E. Scribner, Mar. 12, 1901, void, if conceded validity, not infringed, (C. C. N. D. Ill., S. D.), 148 F. 857.

**670,893** Steam heating apparatus, J. A. Donnelly, Mar. 26, 1901, claims 2 and 7 not infringed, (C. C. A. 8th Cir.), 157 F. 920.

**670,902** Power force pump, P. A. Myers, Mar. 26, 1901, not infringed, (C. C. Chicago, July, 1910), F. E. Myers v. Fairbanks, Morse & Co., appealed to C. C. A. 7th Cir. not reported, void, (C. C. A. 7th Cir.), 194 F. 971.

**671,129** Workman's time recorder, W. L. G. Bundy, Apr. 2, 1901, claims 1 and 4 void, claim 2, if valid, not infringed, (C. C. N. D. N. Y.), 167 F. 329; void, (C. C. A. 2nd Cir.), 177 F. 933.

**671,136** Mop wringer, F. Hoffman, Apr. 2, 1901, valid and infringed, (C. C. A. 3rd Cir.), 200 F. 424.

**671,154** Panoramic camera, P. N. Angsten, Apr. 2, 1901, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.

**671,232** Attachment for notched quadrants, Wm. B. Potter, Apr. 2, 1901, claim 1, not infringed, (C. C. D. N. J.), 171 F. 666; claim 1 not infringed, (C. C. A. 3rd Cir.), 178 F. 273.

**671,244** Air pump governor, S. B. Stewart, Apr. 2, 1901, defendant's proofs closed Feb. 1, 1910, no rebuttal proofs taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.

**671,287** End play device for shafts, A. D. Lunt, Apr. 2, 1901, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.

**672,056** Clutch, Davey & Ladd, April 16, 1901, claims 2 and 6 void, (C. C. A. 1st Cir.), 153 F. 283.

**672,455** Carpenter's square, M. Nicholls, Apr. 23, 1901, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 358.

**672,616** Method of breaking rock, T. A. Edison, Apr. 23, 1901, valid and infringed, (C. C. W. D. N. Y.), 191 F. 837.

**672,617** Apparatus for breaking rock, T. A. Edison, Apr.23,1901, valid, claims 1 to 4 and 7 infringed, claims 5 and 6 not infringed, (C. C. W. D. N. Y.), 191 F. 837.

**672,636** Knotting machine, H. D. Coleman, Apr. 23, 1901, valid and infringed, (D. C. E. D. N. C.), 200 F. 59; (C. C. A. 4th Cir.), 205 F. 904; claims 17, 40, 48, 66 and 78 valid and infringed, (D. C. D. Mass.), 216 F. 911.

**672,984** Safety razor, F., R., & O. Kampfe, April 30, 1901, claim 7 held limited to a razor having a hinged casing and not infringed, (C. C. D. Mass.), 149 F. 778.

**673,274** Controller for electric motor, H. W. Leonard, Apr. 30, 1901, claims 1, 6, 7, 10 and 11 void, (C. C. S. D. N. Y.), 156 F. 791; claims 1, 6, 7 and 11 void, claim 10 void, if properly limited, not infringed, (C. C. A. 2nd Cir.), 168 F. 249.

**673,485** Printing plate holder, E. R. Storm, May 7, 1901, not infringed, (D. C. S. D. N. Y.), 218 F. 178.

**674,009** Knockdown paper box, C. W. Lewis, May 14, 1901,claims 1 to 4 valid and infringed, (C. C. D. Mass.), 189 F.911.

**674,024** Shaft coupling, F. Shaw, May 14, 1901, void, (C. C. S. E. D. Pa.), 181 F. 168; void, (C. C. A. 3d Cir.), 185 F.113.

**674,757** Bucking roll for saddle, J. Clark, May 21, 1901, valid, infringed, (C. C. D. Oregon), 160 F. 512.

**674,974** Eyeglasses, D. H. Ludlow, May 28, 1901, void, (C. C. A. 2nd Cir.), 202 F. 221.

**675,272** Photographic negative, T. S. Fox, May 28, 1901, on master's report and exceptions thereto, (C. C., S. D. N. Y.), 158 F. 422; valid, (C. C. A. 2nd Cir.), 165 F. 442.

**675,577** Locking device for pedestal tables, E. Tyden, June 4, 1901, claim 4 void, remaining claims not infringed, (C. C. A. 6th Cir.), 152 F. 183; claims 1 to 4, 14, 15 and 16, infringed by 852,011, (C. C. N. D. Ill., E. D.), 183 F. 593; claims 1, 2, 3, 4, 14, 15 and 16 valid and infringed, (C. C. A. 7th Cir.), 193 F. 410.

**675,812** Cargo vessel, J. Campbell, June 4, 1901, not infringed, (C. C. A. 6th Cir.) 179 F. 498.

**676,084** Numbering machine, E. G. Bates, June 11, 1901, claims 2 and 22 not infringed, (C. C. A. 2nd Cir.), 149 F.220.

**676,420** Locomotive toy, D. P. Clark, June 18, 1901, valid and infringed, (C. C. A. 6th Cir.), 217 F. 760.

**676,549** Vegetable topping machine, A. E. Vrooman, June 18, 1901, infringed, (C. C. A. 6th Cir.), 179 F. 296; claims 1, 3, 4, 6 and 7 valid and infringed, petition for rehearing of 179 F. 296 denied, (C. C. A. 6th Cir.), 186 F. 495.

**676,557** Window shade holder, D. Hoyt, June 18, 1901, held not to infringe 754,404 (C. C. A. 7th Cir.), 178 F. 95.

**676,824** Hook and eye package, T. De Q. Richardson, June 18, 1901, not infringed, (C. C. W. D. N. Y.), 150 F. 597; void, (C. C. A. 2nd Cir.), 168 F. 900.

**677,308** Alternating current motor, R. Eickemeyer, June 25,1901, Court of Appeals on Mar. 10, 1908, reversed lower court and dismissed the bill, holding the patent invalid, (No. 7129, N. D. N. Y.), General Electric Co. v. Corliss-Coon Co., not reported; claims 1, 2, 9 and 16 valid, infringed, (C. C. N. D. N. Y.), 154 F. 671; claims 1, 2 and 9 to 16 void, (C. C. A. 2nd Cir.), 160 F. 672.

**677,689** Spring barrel for watch movements, O. Ohlson, July 2, 1901, bill dismissed, (D. C. S. D. N. Y.), 202 F. 225.

**678,096** Hook, T. J. Browning, July 9, 1901, on motion for preliminary injunction valid and infringed, (D. C. S. D. N. Y.), 199 F. 189.

**678,514** Vegetable and fruit slice and slicer, E. S. Regnier, July 16, 1901, void, rehearing denied, (C. C. A. 7th Cir.), 188 F. 68.

**678,597** Railway-car, C. Vanderbilt, July 16, 1901, claim 54 void, (C. C. D. N. J.), 190 F. 588.

**679,031** Power press, G. A. Ohl, Sr., G. A. Ohl, Jr., Theberath & Berghof, July 23, 1901, not infringed, (C. C. D. N. J.), 166 F. 898; claims 11 and 17-21 void, claim 10 valid but not infringed, (C. C. A. 3rd Cir.), 175 F. 67.

**679,134** Photographic shutter, A. Wollensak, July 23, 1901, claim 1 not infringed, (D. C. W. D. N. Y.), 199 F.923; affirmed, (C. C. A. 2nd Cir.), 209 F. 232.

**679,153**. Switch rod, Lee & Moore, July 23, 1901, held to not infringe 640,456, (C. C. N. D. Ill., E. D.), 156 F. 591; (C. C. A. 7th Cir.), 164 F. 843.

**679,553** Feeding mechanism for sewing machine, C. A. Dearborn, July 30, 1901, infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 167 F. 568; claim 2, on motion for preliminary injunction, infringed, (C. C. A. 2nd Cir.), 170 F. 963; claim 2 infringed, (C. C. S. D. N. Y.), 180 F. 766.

**679,639** Safety razor, August Wm. Scheuber, July 30, 1901, not infringed, (C. C. S. D. N. Y.), 170 F. 197; not infringed, (C. C. A. 2nd Cir.), 175 F. 78.

**681,234** Ore crusher, C. H. & H. C. Krause, Aug. 27, 1901, valid, infringed, (C. C. A. 6th Cir.), 151 F. 1012.

**681,457** See Reissue 12,072.

**682,233** Outlet box for interior conduits, W. F. Bossert, Sept.10, 1901, not infringed, (C. C. A. 2nd Cir.), 179 F. 385.

**682,390** Machine for packing explosive gelatine, J. C. Schrader, Sep. 10, 1901. claims 1, 2, 3, 4 and 16 void, claims 5 to 8 valid, infringed, (C. C. M. D. Pa.), 164 F. 47.

**683,425** Process of making fabric-covered ornaments, Anderson & Holstein, Oct. 1, 1901, not infringed, (C. C. A. 6th Cir.), 211 F. 462.

**683,615** Method of duplicating phonographic records, Miller & Aylesworth, Oct. 1, 1901, claims 3, 4 and 5 not infringed, (C. C. S. D. W. Va.), 184 F. 75.

**683,676** Apparatus for duplicating phonographic records, Miller & Aylesworth, Oct. 1, 1901, claims 6 and 7 void, claim 5 not infringed, (C. C. S. D. W. Va.), 184 F. 75.

**683,809** Ellipsograph, F. W. Starr, Oct. 1, 1901, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claims 1-10, 12, 14, 18 and 21 void, claims 11, 19 and 20 valid and infringed, claims 16 and 17 not infringed, (C. C. A. 6th Cir.), 203 F. 264.

**684,662** Carbureter, G. V. Ahara, Oct. 15, 1901, valid and infringed, (D. C. N. D. Ill. E. D.), 212 F. 419.

**684,751** Grain separator, A. S. Froslid, Oct. 15, 1901, claims 1, 2 and 3 valid, infringed, (C. C. A. 8th Cir.), 168 F. 259; order refusing to dissolve interlocutory injunction affirmed, (C. C. A. 8th Cir.), 202 F. 202.

**684,776** Clothes drier, W. M. Barnes, Oct. 22, 1901, valid, infringed, (C. C. E. D. Pa.), 151 F. 59; validity doubtful, motion for preliminary injunction denied, (C. C. N. D. N. Y.), 161 F. 556; claims 1 to 6, valid and infringed, (C. C. N. D. N. Y.), 171 F. 878; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 415; not infringed, (D. C. N. D. N. Y.), 197 F. 51.

**684,778** Clothes drying machine, W. M. Barnes, Oct. 22, 1901, claims 1 to 17, 21 and 24 valid, infringed, (C. C. E. D. Pa.), 151 F. 59.

**685,328** Polishing machine, Henry P. Gale, Oct. 29, 1901, claims 1 and 3 valid but not infringed, (C. C. W. D. N. Y.), 192 F. 122; claims 1 and 3 valid and infringed, (C. C. A. 2nd Cir.), 198 F. 90; claim 1 valid and infringed, (D. C. W. D. N. Y.), 200 F. 77.

**685,410** Apparatus for veneering bricks, Andrew Ramsay, Oct. 29, 1901, claims 1 and 2 valid and infringed, (C. C. W. D. Pa.), 187 F. 218.

**685,691** Method of extracting gold from refractory ores, Robert McKnight, Oct. 29, 1901, denied priority in interference on the ground of lack of right to make claims, 30 App. D. C. 92.

**685,790** Candy coating machine, P. Panoulias, Nov. 5, 1901, valid and infringed as to claims 27, 28, 37 and 38, anticipates 790,184, (Jury trial, C. C. S. D. N. Y. Dec. 19, 1910), Panoulias v. Confectioners' Mchy. & Mfg. Co., for plf. F. E. M. Bullowa, for dft. Wm. Quinby, not reported; judgment above noted affirmed, (C. C. A. 2d Cir.), 188 F. 211.

**686,022** See Reissue 11,995.

**686,100** Lock for gear shifting devices, W. A. Maybach, Nov. 5, 1901, not infringed, (C. C. S. D. N. Y.), 160 F. 679; decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.

**686,139** Cherry stoner, M. A. Rollman, Nov. 5, 1901, valid and infringed, (D. C. E. D. Pa.), 207 F. 97.

**686,591** Lifting jack, W. H. Cox, Nov. 12, 1901, claims 2 to 5 inclusive void, claim 1 if conceded validity, not infringed, (C. C. A. 7th Cir.), 203 F. 279.

686,617 Ball retaining device, H. B. Keiper, Nov. 12, 1901, held to not infringe either 449,959 or 449,968, (C. C. E. D. Pa.), 147 F. 721; claims 2 and 3 not infringed, (C. C. S. D. N. Y.), 157 F. 930.

686,691 Automatic casing perforator for deep wells, E. A. Hardison, Nov. 12, 1901, claim 1 not infringed by 726,625, (C. C. A. 9th Cir.), 156 F. 962.

686,900 Steam and hot water boiler, W. Kane, Nov. 19, 1901, not infringed, (D. C. E. D. Pa.), 216 F. 932.

687,499 Telephone transmitter, W. W Dean, Nov. 26, 1901, valid, infringed, (C. C. N. D Ill., E. D.), 158 F. 104; awarded priority in interference, 29 App. D. C. 112; valid and infringed, (C. C. A. 7th Cir.), 171 F. 651.

687,569 Rheostat, J. Lundie. Nov. 26, 1901, held to not infringe 411,947 or 459,794, (C. C. E. D. N. Y.), 164 F. 425.

688,108 Brake for motor vehicles, W. A. Maybach, Dec. 3, 1901, not infringed, (C C. S. D. N. Y.), 160 F. 679, decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.

688,111 Coal conveying and storage apparatus, Piez & Beaumont, Dec. 3, 1901. void, (C. C. A. 2nd Cir.), 150 F.738.

688,446 Gum plaster, H. F. Stempel, Jr., Dec. 10, 1901, interlocutory decree of lower court reversed, (C. C. A. 8th Cir.), 209 F. 847.

688,674 Meat tree, P. Oehmen, Dec. 10, 1901, void, (C. C. A. 7th Cir.), 148 F. 854.

688,690 Bed motion for printing press, G. F. Read, Dec. 10, 1901, not infringed, (C. C. A. 2nd Cir.), 149 F. 213.

688,739 Method of producing sound records, J. W. Jones, Dec. 10, 1901, valid, infringed, (C. C. A. 2nd Cir.), 151 F. 595; preliminary injunction granted, (C. C. S. D. N. Y.), 155 F. 427; preliminary injunction denied, (C. C. S. D. N. Y.), 155 F. 427 (2nd case); valid and infringed, (C. C. A. 2nd Cir.), 170 F. 327; on order to show cause against receiver for defendant, (C. C. S. D. N. Y.), 174 F. 158; not infringed, demurrer on ground of license sustained, (C. C. D. N. J.), 188 F. 431; affirmed, (C. C. A. 3d Cir.), 188 F. 428.

**688,789** Grass twine machine, Monahan & Kieren, Dec. 10, 1901, claims 23 and 24 valid but not infringed, (C. C. E. D. Wis.), 194 F. 885; claims 23 and 24 valid but not infringed, (C. C. A. 7th Cir.), 207 F. 937.

**688,830** Automatic valve, W. J. Collins, Dec. 17, 1901, infringes patent No. 524,048, (C. C. A. 1st Cir.), 171 F. 844.

**689,906** Detonating device, G. M. Potter, Dec. 31, 1901, void, (C. C. A. 6th Cir.), 155 F. 278.

**690,084** Pneumatic carpet renovator, J. S. Thurman, Dec. 31, 1901, claims 5 and 6 infringed, (C. C. E. D. Wis.), 177 F. 272; claims 5 and 6 not infringed, (C. C. A. 7th Cir.), 195 F. 744.

**690,355** Circular loom, C. N. Brown, Dec. 31, 1901, action on contract, judgment for defendant affirmed, (C. C. A. 1st Cir.), 187 F. 840.

## 1902

**690,385** Hem or seam for sewed articles, W. Arbetter, Jan. 7, 1902, awarded priority in interference, 34 App. D. C. 491; does not infringe 862,830, (D. C. N. D. Ill. E. D.), 208 F. 992.

**691,332** Railroad tie-plate, B. Wolhaupter, Jan. 14, 1902, claims 1, 2 and 3 not infringed, (C. C. N. D. Ill., E. D.), 193 F. 418; claims 1, 2 and 3 void, (C. C. A. 6th Cir.), 213 F. 789.

**691,342** Process for extraction of cotton seed oil, E. L. Johnson, Jan. 14, 1902, void. (C. C. A. 5th Cir.), 179 F. 231.

**691,495** See Reissue 12,798.

**691,598** Ornamental structures, such as grilles, etc., L. B. Christopherson and M. M. Gillespie, Jan. 21, 1902, claims 1, 3 and 7, held not infringed by the device of the Christopherson patent No. 766,595, (C. C. A. 9th Cir.), 182 F. 817.

**692,277** Heater and incubator, W. P. Hall, Feb. 4, 1902, infringed, (C. C. A. 1st Cir.), 200 F. 958; not infringed, (D. C. N. D. N. Y.), 205 F. 906; (C. C. A. 2nd Cir.), 215 F. 109.

**692,535** Spring seat, W. A. Murray, Feb. 4, 1902, claims 1, 3 and 5 not infringed, (C. C. A. 6th Cir.), 161 F. 352; not infringed by 954,331, (D. C. E. D. Mich.), 195 F. 774; infringed by 954,331, (C. C. A. 6th Cir.), 206 F. 465.

**692,935** Weft replenishing mechanism for looms, H. W. Smith, Feb. 11, 1902, claims 13 and 14 void, (D. C. D. Mass.), 205 F. 925; (C. C. A. 1st Cir.), 218 F. 841.

**693,207** Process for aging and bleaching flour, J. & S. Andrews, Feb. 11, 1902, valid, infringed, (C. C. A. 8th Cir.), 168 F. 911.

**693,643** Draft-rigging for railway cars, W. H. Emerick, Feb. 18, 1902, valid and infringed, (D. C. N. D. Ill. E. D.), 216 F. 198.

**693,778** Paring and coring machine, William H. Boutell, Feb. 18, 1902, claims 4 to 10 and 21 to 25 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.

**693,916** Conduit for electric wires, E. D. and H. N. Speer, Feb. 25, 1902, not infringed by 1,049,771, (D. C. W. D. Pa.), 210 F. 462; claims 2 and 6 valid and infringed by 1,049,771, (C. C. A. 3rd Cir.), 212 F. 407.

**694,062** Weather-strip and guide for windows, Hugh E. Kenny, Feb. 25, 1902, claims 1 and 2 void in view of 424,905, (C. C. A. 8th Cir.), 187 F. 837.

**694,103** See Reissue 12,005.

**694,503** Side bearings for railway cars, John C. Wands, Mar. 4, 1902, claims 23 to 27 inclusive, valid and infringed, (C. C., N. D. Ill., E. D.), 170 F. 968; form of decree considered, 170 F. 982; claims 23 to 27, not infringed, (C. C. A. 7th Cir.), 178 F. 449.

**694,549** Side bearings for railway cars, C. F. Huntoon, Mar. 4, 1902, claims 1, 3 and 9, valid and infringed, (C. C., N. D. Ill., E. D.), 170 F. 968; not infringed, (C. C. A. 7th Cir.). 178 F. 449.

**694,580** Reinforced concrete construction, E. L. Ransome, Mar. 4, 1902, valid and claims 5 to 10 infringed, (D. C. W. D. N. Y.), 197 F. 172; claims 5 to 10 not infringed, (C. C. A. 2nd Cir.), 201 F. 528.

**695,121** Doll, E. U. Steimer, Mar. 11, 1902, valid, infringed, (C. C. S. D. N. Y.), 148 F. 868.

**695,220** Electromechanical water wheel governor, L. Lyndon, Mar. 11, 1902, at issue Aug. 5, 1907, no testimony taken. (D. N. J.), Lamar Lyndon & Nealon Co. v. Allis-Chalmers Co., not reported.

**695,468** Tufting button, F. Marggraff, Mar. 18, 1902, anticipated by 377,029, (C. C. E. D. Ky.), 167 F. 132; anticipated by 377,029, (C. C. A. 6th Cir.), 167 F. 128.

**695,508** See Reissue 12,437.

**695,870** Electric lighting system, E. Thomson, Mar. 18, 1902, defense turned over to Pittsburg Transformer Co., (No. 45, W. D. Pa.), Thomson-Houston Electric Co. v. Butler Light, Heat and Motor Co., not reported.

**696,305** Station terminal in a pneumatic despatch system, T. Bemis, Mar. 25, 1902, claims 8, 33 and 40 valid and infringed, (C. C. N. D. Ill. E. D.), 177 F. 717.

**696,940** Trousers hanger, M. H. Cazier, Apr. 8, 1902, decree on master's report affirmed, (C. C. A. 7th Cir.), 157 F. 88; appeal from decree imposing fine for contempt, (C. C. A. 7th Cir.), 168 F. 88.

**698,156** Coupling for wires, R. Thompson, Apr. 22, 1902, defense turned over to Pittsburg Transformer Co., (No. 45, W. D. Pa.), Thomson-Houston Electric Co. v. Butler Light, Heat and Motor Co.; bill filed Feb. 15, 1910, order dismissing the bill, (E. D. Pa.), Thomson-Houston Co. v. Edison Illuminating Co. of Ashland, not reported; invalid, (D. C. W. D. Pa.), 205 F. 42.

**698,542** Concrete flooring, O. W. Norcross, Apr. 29, 1902, claim 2 void, claims 1, 3 and 4 not infringed, (D. C. D. Minn. F. D.), 209 F. 854.

**698,614** Typewriting and adding machine, J. C. Wolfe, Apr. 29, 1902, priority denied as to claim 1.

**698,820** Ticket punch, H. Cottrell, Apr. 29, 1902, valid and infringed, (C. C. D. N. J.), 180 F. 772; demurrer sustained in part, (D. C. N. D. Ill., E. D.), 200 F. 771.

**699,262** Dump wagon, M. Van Wagenen, May 6, 1902, valid and claim 4 infringed, (C. C. E. D. Pa.), 181 F. 148; valid and infringed, (C. C. A. 3d Cir.), 183 F. 771.

**700,740** Valve mechanism for elevators, W. F. Cole, May 27,1902, not infringed by 786,653 and 786,654, (C. C. D. Mass.), 153 F.747; infringed by a device considered quite similar to 786,654, (C C. A. 1st Cir.), 165 F. 906.

**700,816** Device for supporting and delivering paper, R. H. Piper, May 27, 1902, claims 2 and 5 construed and held infringed, (C. C. S. D. N. Y.), 186 F. 992; same, (D. C. S. D. N. Y.), 197 F. 175.

**700,878** Photographic shutters, A. Wollensak, May 27, 1902, claims 1, 2, 6, 7, 8, 10 and 23 not infringed, (D. C. W. D. N. Y.), 199 F. 923; affirmed, (C. C. A. 2nd Cir.), 209 F. 232.

**700,919** Computing scale, A. B. Hayden, May 27, 1902, claims 1, 2, 6, 7 and 8 not infringed, (U. S. Sup. Ct.), 204 U. S. 609.

**701,544** Guide for punching presses, T. and J. R. Conley, June 3, 1902, not infringed, (C. C. D. N. J.), 175 F. 79; all claims valid and infringed, (C. C. A. 3d Cir.), 187 F. 137; valid but not infringed by 908,818, (D. C. W. D. Pa.), 204 F. 93; (C. C. A. 3rd Cir.), 211 F. 655.

**701,776** Mold and oven for baking biscuit cups, A. Valvona, June 3, 1902, valid but not infringed, (C. C. W. D. Ky.), 207 F. 374; valid but preliminary injunction denied, (C. C. D. Mass.), 207 F. 374; valid but not infringed, (D. C. W. D. Pa.), 207 F. 377; valid and infringed, (D. C. D. N. J.), 207 F. 380; void, (C. C. A. 3rd Cir.), 212 F. 168.

**701,839** Envelope, A. F. Callahan, June 10, 1902, void, (D. C. D. Mass.), 210 F. 630; (C. C. A. 1st Cir.), 216 F. 754.

**702,158** Combined bustle and hip form, C. H. Scott, June 10,1902, valid, claim 2 infringed,(C. C. A. 2nd Cir.), 160 F.472.

**702,585** Grate bar, H. E. Parson, June 17, 1902, void, (C. C. D. N. J.), 180 F. 742; void, (C. C. A. 3d Cir.), 185 F. 522.

**703,100** Massaging implement, J. B. Wantz, June 24, 1902, void, (C. C. A. 2nd Cir.), 212 F. 944.

**703,313** Barrel closure, W. W. Sly, June 24, 1902, decree of lower court dismissing case for want of jurisdiction reversed, (C. C. A. 6th Cir.), 201 F. 683.

**703,436** Motor vehicle, W. A. Maybach, July 1, 1902, not infringed, (C. C. S. D. N. Y.), 160 F. 679.

**703,577** Milling cutter, B. M. W. Hanson, July 1, 1902, claim 1 not infringed, (C. C. A. 1st Cir.), 204 F. 447.

**704,099** Regulation of electric motors, O. H. & A. F. Pieper, July 8, 1902, void. (C. C. S. D. N. Y.), 156 F. 672; (C. C. A. 2nd Cir.), 160 F. 930.

**704,971** Flume gate, E. Campbell, July 15, 1902, void, (C. C. A. 9th Cir.), 194 F. 110.

**705,228** Handle for type block, W. A. Force, July 22, 1902, void on demurrer, (C. C. S. D. N. Y.), 157 F. 235; void, (C. C. A. 2nd Cir.), 165 F. 445.

**705,241** Electric controller, J. C. Henry, July 22, 1902, no testimony taken since Aug. 1905, complainant's prima facie proofs not completed, (No. 1901, N. D. Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.

**705,326** Feeding mechanism for sewing machine, C. A. Dearborn, July 22, 1902, infringed, preliminary injunction granted, (C. C. S. D. N Y.), 167 F. 568; claim 3, on motion for preliminary injunction, infringed, (C. C. A. 2nd Cir.), 170 F. 963; claims 3, 12 to 17 inclusive, 20, 22 and 23 infringed, (C. C. S. D. N. Y.), 180 F. 766; claims 3, 12 to 17, 20, 22 and 23 infringed by 814,642, (C. C. A. 2d Cir.), 185 F. 503.

**705,409** Accounting attachment for typewriters, O. L. Ingram, July 22, 1902, priority denied as to claim 1.

**705,527** Work gage attachment for book typewriters, H. J. Halle, July 22, 1902, valid and infringed, (C. C., S. D. N. Y.), 171 F. 96.

**705,715** Process of intensifying the lustre of silk fibre, C. Stuart, July 29, 1902, anticipated by British patent to Hendrie 10,938 of 1845, (C. C. A. 3rd Cir.), 149 F. 748.

**705,716** Machine for increasing the lustre of silk, C. Stuart, July 29, 1902, void, (C. C. A. 3rd Cir.), 149 F. 748.

**705,832** Bottle labeling machine, J. J. Gaynor, July 29, 1902, claim 1 not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.

**705,850** Electrical panel-board, Hubert Krantz, July 29, 1902, claims 1 and 3 void, (C. C. A. 2d Cir.), 187 F. 603.

**705,857** Curtain stretcher, W. A. Mayr, July 29,1902, not infringed, (C. C. A. 7th Cir.), 180 F. 732.

**706,736** Apparatus for wireless telegraphy, R. A. Fessenden.Aug. 12, 1902, claims 6, 9-12, 14, 19-21, 27-30, 32, 33 and 35 valid and infringed, bill dismissed as to remaining claims, (C. C. D. Me.), 189 F. 727; preliminary injunction granted, (C. C. S. D. N. Y.), 193 F. 424; claims 6, 9-12, 14, 19-21, 27-30, 32, 33 and 35 not infringed, (C. C. A. 1st Cir.), 198 F. 386; rehearing denied, (C. C. A. 1st Cir.), 199 F. 153; order granting preliminary injunction reversed, (C. C. A. 2nd Cir.), 200 F. 591; not infringed, (D. C. S. D. N. Y.), 209 F. 856.

**707,361** Railway car heating apparatus, J. Searle, Aug. 19, 1902, void, (C. C. N. D. N. Y.), 160 F. 476; void, (C. C. A. 2nd Cir.), 174 F. 658.

**707,702** Underframe for railway cars, H. R. Keithley, Aug. 26, 1902, decree dismissing cross-bill, (D. C. W. D. N. Y.), 216 F. 904.

**707,754** Brush mechanism for dynamos, W. L. Bliss, Aug. 26, 1902, claim 6 valid but not infringed, (C. C. N. D. Ill., E. D.), 191 F. 846; invalid as to claim 6 and not infringed if conceded validity after filing of disclaimer in October, 1912, (C. C. A. 7th Cir.), 202 F. 915.

**707,837** Sheet piling, L. P. Friestedt, Aug. 26, 1902, claims 1 to 5, not infringed, (C. C. N. D. Ill., N. D.), 182 F 836; claims 1 to 5 not infringed by 860,053 and 877,588, (C. C. A. 7th Cir.), 195 F. 757; does not infringe 500,780, (C. C. A. 7th Cir.), 195 F. 759.

**707,855** Furnace grate, G. Maag, Aug. 26, 1902, not infringed, (C. C. A. 6th Cir.), 181 F. 96.

**707,934** Motion picture apparatus, W. Latham, Aug. 26, 1902, not infringed by a camera, validity not adjudicated, Motion Picture Patents Co. v. Independent Moving Pictures Co. of America, (D. C. S. D. N. Y., Feb. 3, 1912), not reported; claims 1, 3, 5 and 8 not infringed, (C. C. A. 2nd Cir.), 200 F. 411.

**708,496** Burglar alarm, F. C. Robinson et al., Sept. 2, 1902, valid and infringed as to claims 1, 2, 3, 7, 8 and 10, but not infringed as to claims 9, 11, 12 and 13, (C. C. D. Minn. 4th Div.), 181 F. 350; valid and infringed, (C. C. E. D. Tenn.), 181 F. 375.

**708,528** Metal cap for bottles or jars, C. A. Calleson, Sep. 9, 1902, held to anticipate 801,281, (C. C. D. N. J.), 156 F.365.

**708,601** Side bearings for railway cars, John C. Wands, Sept. 9, 1902, withdrawn from suit, 170 F. 968, 170 F. 982.

**708,679** Wire fence making machine, T. Sutherland, Sep. 9,1902, held to infringe 628,253, (C. C., D. Minn., 4th D.), 126 F. 381.

**709,001** Process of manufacturing electrical conductors, L. W. Downes, Sep. 16, 1902, not infringed, (C. C. A. 3rd Cir.), 150 F. 122.

**709,008** Die for cutting leather, J. M., J., A. J., & S. A. Gimson, Sept. 16, 1902, void, (D. C. D. Mass.), 215 F. 122.

**709,014** Drill chuck, Arthur I. Jacobs, Sept. 16, 1902, void, claim 3 not infringed if conceded validity, (C. C. E. D. N. Y.), 169 F. 134; void, (C. C. A. 2nd Cir.), 177 F. 935.

**709,184** Tin-plate cleaning machine, Taliaferro & Reynard, Sept. 16, 1902, valid and infringed, (D. C. W. D. Pa.), 214 F. 583; (C. C. A. 3rd Cir.), 218 F. 69.

**709,416** Cooling and condensing apparatus, W. A. Maybach, Sep. 16, 1902, not infringed, (C. C. S. D. N. Y.), 160 F.679, decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.

**709,716** Dump wagon, W. Leonhardt, Sept. 23, 1902, void, (D. C. D. Md.), 199 F. 790.

**711,986** Cigarette forming, wrapping and ironing appliance, Frank J. Ludington, Oct. 28, 1902, claim 1 valid and infringed by 779,430 and 779,431, (C. C. A. 2d Cir.), 188 F. 318.

**711,987** Process of making cigarettes from continuous cigarette-rods, Frank J. Ludington, Oct. 28, 1902, claim 3 valid and infringed by 779,430 and 779,431, (C. C. A. 2d Cir.), 188 F. 318.

**712,718** Extensible bedstead or couch, A. de Piniec-Mallet, Nov. 4, 1902, valid, infringed, (C. C. S. D. N. Y.), 152 F. 1023; judgment against contemnor affirmed, (C. C. A. 1st Cir.), 190 F. 565.

**714,140** Hand truck, E. J. Bryan, Nov. 25, 1902, claims 1, 12, 14 15 and 16 valid and infringed, (C. C. A. 9th Cir.), 177 F. 210.

**714,290** Receptacle for incandescent lamps, P. H. Fielding, Nov. 25, 1902, not infringed, (C. C., S. D. N. Y.), 148 F.230; void, (C. C. A. 2nd Cir.), 154 F. 377.

**714,436** High-potential switch, C. C. Badeau, Nov. 25, 1902, void, (C. C. D. Mass.), General Electric Co. v. Hartman et al., not reported, (see 187 F. 131).

**714,880** Paint remover, C. Ellis, Dec. 2, 1902, preliminary injunction granted, (C. C. E. D. N. Y.), 180 F. 1004; decree dismissing bill affirmed, (C. C. A. 7th Cir.), 203 F. 993.

**716,417** Combined mop and wringer therefor, Edward Hilker, Dec. 23, 1902, anticipates claim 1 of 744,196 and claim 1 of 758,753, (C. C. A. 6th Cir.), 191 F. 613.

**716,504** Electric switch, G. H. Wittingham, Dec. 23, 1902, not infringed, (C. C. D. Md.), 180 F. 983.

**717,014** Method of making brushes, W. Morrison, Dec. 30, 1902, not infringed, (C. C. A. 2nd Cir.), 154 F. 665.

**717,122** Pressure governor, A. Roesch, Dec. 30, 1902, claim 5 not infringed, (C. C. E. D. N. Y.), 148 F. 713; claim 5 valid, infringed, (C. C. A. 2nd Cir.), 154 F. 952.

**717,296** Micrometer calipers, F. Spalding, Dec. 30, 1902, valid and infringed, (C. C. A. 1st Cir.), 208 F. 887.

**717,490** Drawer for card indexes, P. H. Yawman, Dec. 30, 1902, claims 4, 5, 10, 11 and 12 valid, infringed, (C. C. A. 2nd Cir.), 159 F. 443.

## 1903

**717,641** Window strip, C. Vose, Jan. 6, 1903, bill dismissed, (D. C. E. D. N. Y.), 216 F. 523; valid and infringed, (D. C. E. D. N. Y.), 216 F. 775.

**718,044** Roof structure, H. Aiken, Jan. 6, 1903, valid and infringed, (C. C. A. 3rd Cir.), 203 F. 699; valid, claims 1 and 3 infringed, (D. C. W. D. Pa.), 205 F. 531.

**718,441** Process of making substructures for buildings, J.M.Ewen, Jan. 13, 1903, void, (C. C. N. D. Ill., E. D.), 167 F. 549; void, (C. C. A. 7th Cir.), 174 F. 236.

**719,216** Composition for digester linings, Ernst Hentschel, Jan. 27, 1903, void; conceding validity infringement not proved, (C. C., N. D. N. Y.), 169 F. 114.

**719,942** Apparatus for screening, washing and assorting ore, F. Hermann, Feb. 3, 1903, claim 4 not infringed, (C. C. A. 8th Cir.), 160 F. 91.

**720,008** Weighing and packaging machine, W. H. Doble, Feb. 10, 1903, does not infringe claims 1, 3, 5, 6 and 7 of 766,004, (C. C. A. 1st Cir.), 200 F. 573.

**720,616** Separable button, E. Pringle, Feb. 17, 1903, claims 1 and 3 valid, infringed, (C. C. S. D. N. Y.), 154 F. 671; not infringed, (C. C. A. 2nd Cir.), 160 F. 943.

**721,041** Printing apparatus, R. Herman, Feb. 17, 1903, claims 32 and 33 invalid, (C. C. A. 6th Cir.), 191 F. 579.

**721,229** Regulation of electric motors, O. H & A. F. Pieper, Feb. 24, 1903, void, (C. C. S. D. N. Y.), 156 F. 672; (C. C. A. 2nd Cir.), 160 F. 930.

**721,276** Typographic numbering machine, E. G. Bates, Feb. 24. 1903, not infringed, (C. C. A. 2nd Cir.), 152 F. 634.

**721,549** Fountain pen, A. Eberstein, Feb. 24, 1903, not infringed, (C. C. D. Md.), 175 F. 976.

**721,644** Railroad tie-plate, B. Wolhaupter, Feb. 24, 1903, claims 7 and 9 not infringed, (C. C. N. D. Ill., E. D.), 193 F. 418; claims 7 and 9 void, (C. C. A. 6th Cir.), 213 F. 789.

**721,774** Cluster of electric lights, R. B. Benjamin, Mar. 3, 1903, valid, claim 32 void, claims 5 and 7 infringed, (C. C. A. 2nd Cir.), 158 F. 617.

**721,777** Cluster of electric lights, R. B. Benjamin, Mar. 3, 1903, valid, claims 5 and 13 void, (C. C. A. 2nd Cir.), 158 F. 617.

**722,018** Handling-horse for shoe uppers, M. A. Hayward, March 3, 1903, void, (C. C. A. 1st Cir.), 187 F. 128.

**722,030** Electric meter, C. H. Mertz, Mar. 3, 1903, valid and infringed, (D. C. N. D. Ohio, E. D.), 203 F. 280.

**722,212** Current controlling device for telephone circuits, W. W. Dean, Mar. 10, 1903, not infringed by 818,897, (C. C. N. D. Ohio, E. D.), 168 F. 549; claims 4 and 11 to 14, valid, not infringed by 818,897, (C. C. A. 6th Cir.), 182 F. 991.

**722,392** Roof for mausoleums, C. E. Tayntor, Mar. 10, 1903, void, (C. C. S. D. N. Y.), 171 F. 108; claim 2 void, (C. C. A. 2nd Cir.), 183 F. 130.

**722,512** Egg carrier, H. S. Jenne, Mar. 10, 1903, claims 2 and 6 not infringed, (D. C. W. D. N. Y.), 197 F. 764; claims 2 and 6 valid and infringed, (C. C. A. 2nd Cir.), 203 F. 705.

**722,527** Electric controller, F. A. Merrick, Mar. 10, 1903, complainant's testimony commenced Aug. 1, 1905, not yet completed, (No. 1902, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.

**722,613** Hoisting apparatus, A. E. Norris, Mar. 10, 1903, not invalid on face, (D. C. M. D. Pa.), 196 F. 789; void, (D. C. M. D. Pa.), 215 F. 731.

**722,724** Recoil brake for guns, O. Lauber, Mar. 17, 1903, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.

**722,725** Gun with barrel recoil having recuperator spring, O. Lauber, Mar. 17, 1903, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.

**723,139** Method of ornamenting glass, J. M. Conroy, Mar. 17, 1903, void, (C. C. W. D. Pa.), 155 F. 421; (C. C. A. 3rd Cir.), 159 F. 943; see Reissue 12,789.

**723,299** Armor for pneumatic tires, H. Parsons, Mar. 24, 1903, validity doubtful, preliminary injunction denied, (C. C. D. N. H.), 164 F. 617; valid and infringed, (C. C. N. D. Ill., E. D.), 179 F. 232; valid and infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 190 F. 333; valid and infringed, (C. C. A. 7th Cir.), 192 F. 35; infringed, (C. C. A. 7th Cir.), 192 F. 41; preliminary injunction granted, (C. C. S. D. N. Y.), 192 F. 46; motion in re printed copies of complainants' record denied, (C. C. S. D. N. Y.), 192 F. 47; held valid and infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 194 F. 448; on motion for preliminary injunction, held infringed if validity conceded, (C. C. N. D. Ohio, E. D.), 196 F. 213; same, (D. C. S. D. N. Y.), 196 F. 215; on motion for preliminary injunction, defendant held chargeable with contributory infringement, (D. C. W. D. N. Y.), 196 F. 218; motion to dismiss an appeal from an order continuing and refusing to dissolve a preliminary injunction granted, (C. C. A. 6th Cir.), 196 F. 951; valid and in-

fringed, (C. C. A. 2nd Cir.), 198 F. 399; decree granting preliminary injunction affirmed, (C. C. A. 7th Cir.), 203 F. 862; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 227; claim 6 valid and infringed, (C. C. A. 6th Cir.), 215 F. 921.

**723,307** Tunnel construction, J. W. Reno, Mar. 24, 1903, not infringed, (C. C. A. 2nd Cir.), 207 F. 561.

**723,379** Belting, L. H. Gilmer, March 24, 1903, claim 7 construed and held not infringed by 726,670, (C. C. E. D Pa.), 187 F. 606.

**725,325** Furniture caster, A. B. Diss, Apr. 14, 1903, claim 2 valid, infringed, (C. C. D. Conn.), 165 F. 344.

**725,349** Pulp beating engine, F. J. Marshall, Apr. 14, 1903, decree (203 Mass. 410) affirmed, (U. S. Sup. Ct.), 223 U. S. 473.

**726,268** Pile driver, F. A. Von Eberstein, April 28, 1903, void, if valid, not infringed, (C. C. S. D. Ga., E. D.), 166 F. 463.

**726,293** Process of exhausting air from incandescent lamp bulbs, J. W. Howell, Apr. 28, 1903, claims 1 and 2, not infringed, (C. C. S. D. N. Y.), 170 F. 189; claims 1 and 2 valid and infringed, (C. C. A. 2nd Cir.), 174 F. 996; valid and infringed, (C. C. D. N. J.), 174 F. 1013.

**726,391** Means for varying delta connected voltages, A. H. Armstrong et al., April 28, 1903, claim 1 valid and infringed, (C. C. D. N. J.), 190 F. 145; bill dismissed by stipulation, (C. C. D. Ind.), General Electric Co. v. Kuhlman Electric Co., not reported; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 414.

**726,625** Well tube apparatus. J. J. Brinkman, April 28,1903, held to not infringe claim 1 of 650,318 or claim 1 of 686,-691, (C. C. A. 9th Cir.), 156 F. 962.

**726,670** Method of joining the ends of woven belts, O. E. Geisel, April 28, 1903, does not infringe claim 7 of 723,379, (C. C. E. D. Pa.), 187 F. 606.

**726,817** Spring cushion structure, F. P. D'Arcy, Apr. 28, 1903, claim 3 void, (C. C. A. 6th Cir.), 194 F. 686; claims 1 and 2 void, (C. C. A. 6th Cir.), 213 F. 483.

727,034 Pyrographic tool, Z N. Tyssowska, May 5, 1903, claim 3 void, if valid not infringed, (C. C. N. D. Ill., E. D.), 159 F. 165; void, anticipated by 615,784, (C. C. A. 7th Cir.), 174 F. 43.

727,173 Mask, G. L. Merrell, May 5, 1903, claims 1 and 5 not infringed, (C. C. S. D. N. Y.), 153 F. 762; claims 1 and 5 void, (C. C. A. 2nd Cir.), 159 F. 142.

727,233 Protecting bar for concrete work, H. H. Wainwright, May 5, 1903, void, (C. C. E. D. La.), 155 F. 279; motion for preliminary injunction denied, (D. C. E. D. Pa.), 209 F. 874.

727,331 See Reissue 12,115.

727,505 Street pavement, F. J. Warren, May 5, 1903, claims 5, 6, 9 and 11 valid, infringed, (C. C. A. 6th Cir.), 166 F. 309; held valid on motion for preliminary injunction, (C. C. M. D. Alabama, N. D.), 172 F. 414; order granting preliminary injunction affirmed,(C. C. A. 2d Cir.), 187 F. 831; order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 196 F. 892; decree enjoining defendants from carrying out contract, (D. C. W. D. Mich. S. D.), 216 F. 364.

727,905 Can opener, N. Cleveland, May 12, 1903, not infringed, (C. C. M. D. Pa.), 159 F. 480; (C. C. A. 2nd Cir.), 159 F. 707.

728,049 Car coupler, C. A. Tower, May 12, 1903, held valid and claim 11 infringed, (C. C. N. J.), 182 F. 626.

728,182 Car coupler, C. A. Tower, May 12, 1903, held valid as to the combinations shown, claims 9 and 10 invalid for lack of invention; claim 8 held infringed, (C.C. N. J.), 182 F. 626.

728,577 Computing scale, J. Hotsapillar, May 19, 1903, void, (C. C. A. 6th Cir.), 195 F. 508.

728,982 Printing machine, M. Rosenfeld, May 26, 1903, judgment of lower court in action at law reversed, (C. C. A. 2nd Cir.), 204 F. 282.

729,219 Dynamo, H. G. Reist, May 26, 1903, complainant's prima facie proofs closed Feb. 28, 1907, awaiting defendant's testimony. (D. N. J.), General Electric Co. v. Allis-Chalmers Co. and Bullock Co., not reported.

**729,280** Electrically operated system for closing watertight doors, etc., W. B. Cowles, May 26, 1903, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.

**729,870** Counterbalance for centrifugal pumps, B. Jackson, June 2, 1903, valid and infringed, (C. C. N. D. Cal.), 197 F. 44.

**730,176** Glandular extractive product, ("Adrenalin"), J. Takamine, June 2, 1903, claims 1, 2, 6, 9, and 11 to 15 valid and infringed, other claims construed, (C. C. S. D. N. Y.), 189 F. 95; claims 1, 2, 9, 11, 12 and 14 valid and infringed, claims 6, 13 and 15 not passed upon, (C. C. A. 2nd Cir.), 196 F. 496.

**730,412** See Reissue 12,297.

**730,647** Fish trap, Haynie & Hall, June 9, 1903, claim 6 void, (C. C. A. 4th Cir.), 193 F. 1020.

**730,870** Magazine fire-arm, J. M. Browning, June 16,1903, claims 37, 38 and 39 void, (C. C. S. D. N. Y.), 164 F. 197; claims 37, 38 and 39 void, (C. C. A. 2nd Cir.), 174 F. 151.

**731,218** Carbureter, O. B. Perkins, June 16, 1903, valid but not infringed, (D. C. N. D. Ill. E. D.), 204 F. 462; (C. C. A. 7th Cir.), 212 F. 413.

**731,539** Manure spreader, Theophilus Brown, June 23, 1903, does not infringe No. 632,124, (C. C., D. Mass.), 172 F. 436.

**731,667** Machine for ornamenting glass, J. M. Conroy, June 23, 1903, not infringed, (C. C. W. D. Pa.), 155 F. 425; (C. C. A. 3rd Cir.), 159 F. 943.

**731,695** Sewing machine, J. G. Lewis, June 23, 1903, claims 1, 3, 11 to 17, 21 and 22 void, claims 2, 4, 18, 19 and 20 valid, infringed. (C. C. A. 8th Cir.), 163 F. 950.

**731,696** Sewing machine, J. G. Lewis, June 23, 1903, claims 1 and 2 not infringed, (C. C. A. 8th Cir.), 163 F. 950.

**732,357** Water-purifier, Cass L. Kennicott, June 30, 1903, decree dismissing bill for injunction affirmed, (C. C. A. 7th Cir.), 185 F. 520.

**733,564** Electric controller, A. Sundh, July 14, 1903, claims 1, 2, 3, 17 and 18 void, (C. C. A. 2nd Cir.), 198 F. 94.

733,646 Sprinkler head for automatic fire extinguisher, G. E. Hibbard, July 14, 1903, decree for complainant reversed in part, (C. C. A. 7th Cir.), 179 F. 844.

733,960 Pneumatic drill, G.H.Hayes, July 21, 1903, awarded priority in interference on reissue application, 37 App. D. C. 169.

733,962 Automatic fire extinguisher, G. E. Hibbard, July 21, 1903, decree for complainant reversed in part, (C. C. A. 7th Cir.), 179 F. 844.

734,161 Upsetting machine for plowshares, W. A. Clark, July 21, 1903, claim 1 void for public use, (C. C. A. 7th Cir.), 179 F. 856.

734,467 Sieve, B. F. Martien, July 21, 1903, claims 1, 2 and 6 void, claims 3, 4 and 5 valid and infringed, (D. C. D. Minn. 4th Div.), 216 F. 937.

734,796 See Reissue 12,246.

734,907 Book-trimming machine, Lovell & Williamson, July 28, 1903, claim 11 not infringed, (C. C. S. D. N. Y.), 159 F. 736; claim 11, not infringed, (C. C. A. 2nd Cir.), 169 F. 288.

735,366 Clother drier, A. T. Hagen & D. M. Cooper, Aug. 4, 1903, claims 6, 7 and 10 valid and infringed, (C. C., N. D. N. Y.), 171 F. 878; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 415.

735,469 Guage for punching presses, T. Conley, Aug. 4, 1903, not infringed, (C. C. D. N. J.), 175 F. 79; claim 2 not infringed, (C. C. A. 3d Cir.), 187 F. 137.

735,589 Impact-tool, C. B. Richards, Aug. 4, 1903, does not infringe claims 1 to 9 of 667,863, (C. C. A. 6th Cir.), 185 F. 808.

735,893 Control of electric motors, F. A. Merrick, Aug. 11,1903, defendant's proofs closed Sept. 1, 1908, no testimony taken as yet by complainant in rebuttal, (No. 1911, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.

735,938 See Reissue 12,578.

735,949 Machine for chipping edges of glass articles, J. M. Conroy, Aug. 11, 1903, claims 1, 4, 5, 6 and 7 valid, infringed. (C. C. W. D. Pa.), 155 F. 421; valid, claim 1 infringed, (C. C. A. 3rd Cir.), 159 F. 943.

**736,134** Nozzle, T. M. Murphy, Aug. 11, 1903, decree granting preliminary injunction reversed, (C. C. A. 8th Cir.), 161 F. 725.

**736,135** Street washer, T.M.Murphy, Aug. 11, 1903, decree granting preliminary injunction reversed, (C. C. A. 8th Cir.), 161 F. 725; valid but not infringed, (C. C. A. 8th Cir.), 178 F. 923.

**736,327** Locking device for pedestal tables, C. Wilhelm, Aug. 11, 1903, not infringed, (C. C. A. 6th Cir.), 152 F. 183.

**736,461** Electric motor and brake, Alfred A. Thresher, Aug. 18, 1903, awarded priority in interference, 28 App. D. C. 22.

**736,668**. Box filling machine, W. H. Wyman, Aug. 18, 1903, held to not infringe 538,535, (C. C. A. 8th Cir.), 162 F. 148.

**736,673** Paper bag machine, P. L. Bartholomew, Aug. 18, 1903, does not infringe 578,550, (C. C. A. 6th Cir.), 194 F. 126.

**736,812** Solder, R. Bormann, Aug. 18, 1903, claim 1 valid and infringed, (D. C. W. D. Pa.), 212 F. 184.

**736,834** Pipe bending machine, Christopher Flinn, Aug. 18,1903, void, (C. C., W. D. Pa.), 171 F. 672; valid, (C. C. A. 3rd Cir.), 177 F 931.

**736,999** Chain driving gear, E. F. Morse, Aug. 25, 1903, claims 1, 2, 6 and 7 not infringed, (C. C. A. 7th Cir.), 164 F. 331; see Reissue 12,912.

**737,327** Eyeglasses, H. E. Bonschur, Aug. 25, 1903, not infringed, (C. C. A. 2nd Cir.), 200 F. 589.

**737,375** Amusement apparatus, C. C. Eggers, Aug. 25,1903, void, (C. C. S. D. N. Y.), 161 F. 915.

**737,916** Mattress, C. A. Fisher, Sep. 1, 1903, valid, infringed, (C. C. A. 7th Cir.), 165 F. 191.

**738,295** Apparatus for making sealing rings, W. P. Coldren, Sept. 8, 1903, claim 1 invalid, (C. C. D. N. J.), 175 F. 361.

**738,434** Amusement apparatus, C. L. Hagen, Sep. 8, 1903, not infringed, (C. C. S. D. N. Y.), 166 F. 326.

**738,688** Floor box for electric conductors, H. Krantz, Sept. 8, 1903, valid and infringed, judgment by default, (at law, C. C. S. D. N. Y.), Krantz Mfg. Co. v. Russell & Stoll Co., for plaintiff F. Warren Wright, no appearance for dft., not reported; motion to set aside verdict denied, (D. C. S. D. N. Y.), 210 F. 169; (C. C. A. 2nd Cir.), 218 F. 642.

**738,885** Process for making lipped sealing rings, W. P. Coldren, Sept. 15, 1903, claim 1 invalid, (C. C. D. N. J.), 175 F. 361.

**739,318** Sound record, E. R. Johnson, Sep. 22, 1903, valid on demurrer, (C. C. N. D. N. Y.), 165 F. 931.

**739,824** Bunion protector, J. Bronnen-Kant, Sept. 29, 1903, valid and infringed, (D. C. E. D. Wis.), 199 F. 779.

**740,868** Washing machine, J. D. A. Johnson, Oct. 6, 1903, held to not infringe 608,220, (C. C. A. 8th Cir.), 159 F. 726.

**740,982** Mechanism for driving dynamos on car trucks, P. Kennedy, Oct. 6, 1903, valid, injunction issued, (C. C. N. D. Ill., E. D.), 153 F. 193; void, (C. C. A. 7th Cir.), 161 F. 343.

**741,010** Vault-light construction, W. L. Caldwell, Oct. 13, 1903, not infringed, (C. C. E D. Pa.), 175 F. 113; not infringed, (C. C. A 3rd Cir.), 181 F. 691.

**741,385** Steam turbine, E. C. Terry, Oct. 13, 1903, motion for leave to file supplemental answer denied, (D. C. D. Mass.), 204 F. 103.

**742,540** See Reissue 12,300.

**742,667** See Reissue 12,732.

**743,049** Alarm valve and system, E. L. Thompson, Nov. 3, 1903, suit to enforce contract, (D. C. E. D. N. Y.), 197 F. 750.

**743,114** Temporary binder, E. A. Trussell, Nov. 3, 1903, not infringed by 782,986, (C. C. S. D. N. Y.), 159 F. 472; claims 1 to 6 not infringed, (C. C. A. 2nd Cir.), 166 F. 437.

**743,152** Knitting machine needle, A. Currier, Nov. 3, 1903, not infringed, (C. C. E. D. Pa.), 153 F. 186; (C. C. A. 3rd Cir.), 159 F. 715.

**743,160** Printing apparatus, R. Herman, Nov. 3, 1903, claim 7 not infringed, (C. C. A. 6th Cir.), 191 F. 579.

**743,206** Incandescent electric lamp socket, A. Weber, Nov. 3, 1903, claims 1-4 valid and infringed, (D. C. S. D. N. Y.), 204 F. 79; valid and infringed, (C. C. A. 2nd Cir.), 212 F. 948.

**743,231** Stocking, G. Blood, Jr., Nov. 3, 1903, claims 3 and 4 void, (C. C. E. D. Pa.), 159 F. 494; (C. C. A. 3rd Cir.), 165 F. 902.

**743,608** Polishing machine, Charles S. Yarnell, Nov. 10, 1903, claim 7, valid and infringed, (C. C. W. D. N. Y.), 192 F. 122; claim 7 valid and infringed, (C. C. A. 2nd Cir.), 198 F. 90.

**743,995** See Reissue 12,399.

**744,015** Hand-hole cover, Kennedy Park, Nov. 10, 1903, void, (C. C. A. 6th Cir.), 170 F. 81.

**744,107** Slicer, E. S. Regnier, Nov. 17, 1903, void, rehearing denied, (C. C. A. 7th Cir.), 188 F. 68.

**744,196** Combined mop and wringer, Edward Hilker, Nov. 17, 1903, claim 1 void, anticipated by 716,417, (C. C. A. 6th Cir.), 191 F. 613.

**744,773** Alternating current electromagnet, D.L. Lindquist, Nov. 24, 1903, claims 1, 2, 3 and 4 valid and infringed, (D. C. N. D. N. Y.), 198 F. 116; (C. C. A. 2nd Cir.), 204 F. 277; valid and infringed, (D. C. N. D. N. Y.), 217 F. 583.

**745,571** See Reissue 12,352.

**745,625** Feeding device for grass twine machine, T. W. Jerrems, Dec. 1, 1903, claim 1 valid but not infringed, (D. C. E. D. Wis.), 194 F. 878; (C. C. A. 7th Cir.), 213 F.798.

**745,683** Air-pump governor, S. B. Stewart, Dec. 1, 1903, claims 3 and 5 void, (C. C. D. N. J.), 190 F. 165.

**746,157** Account book, J. H. Rand, Dec. 8, 1903, void, (C. C. D. Conn.), 165 F. 348; void, (C. C. A. 2nd Cir.), 176 F. 358.

**746,355** Wall register, L. J. Mueller, Dec. 8, 1903, valid, infringed, (C. C. E. D. Wis.), 166 F. 917.

**746,678** Undressed lumber and process of preserving same, G. C. Cowles, Dec. 15, 1903, void, (C. C. A. 6th Cir.), 178 F. 927.

**746,853** Sewing machine, J. G. Lewis, Dec 15, 1903, claim 2 infringed, claims 8 and 9 not infringed, (C. C. A. 8th Cir.), 163 F. 950.

**746,931** Stencil-duplicating machine, A. B. Dick, Dec. 15, 1903, infringed, (C. C. S. D. N. Y.), 149 F. 424.

**747,278** Tank-car and metallic-car construction, C. Vanderbilt, Dec. 15, 1903, claims 1, 3, 12 to 15 and 18 to 20 void, and not infringed if conceded invention, (C. C. D. N. J.), 190 F. 588.

**747,279** Tank car and metallic-car construction, C. Vanderbilt, Dec. 15, 1903, withdrawal of charge of infringement noted, (C. C. D. N. J.), 190 F. 588.

**747,329** Baffle wall brick, Kennedy Park, Dec. 15, 1903, void, (C. C. A. 6th Cir.), 170 F. 81.

**747,585** Automatic firearm, John M. Browning, Dec. 22, 1903, claim 10 not infringed by 804,985, (C. C. A. 2d Cir.), 190 F. 563.

**747,874** Thill coupling, G. H. Fernald, Dec. 22, 1903, void, (C. C. N. D. N. Y.), 167 F. 559; decree of court below holding this patent void affirmed, (C. C. A. 2nd Cir.), 174 F. 1020.

**748,418** Floor-joints for water-closets, H. S. Renton, Dec. 29, 1903, void, (C. C. E. D. N. Y.), 175 F. 96.

**748,553** Instep support, J. W. Arrowsmith, Dec. 29, 1903, claims 3 and 4 void, (C. C. W. D. N. Y.), 158 F. 307; claim 3 void, (C. C A. 2nd Cir.), 166 F. 118.

## 1904

**748,595** Method of waterproofing the surface of porous materials, N. Farnham, Jan. 5, 1904, verdict for plaintiff and appeal dismissed for lack of prosecution, (at law, C. C. E. D. N. Y.), Farnham Sand Blast Co. v. Greenwood Cemetery, for plaintiff, F. Warren Wright, for dft. Seabury C. Mastick and Wise & Lichtenstein, not reported.

**749,271** Electric motor control, S. T. Dodd, Jan. 12, 1904, defendant's proofs closed May 4, 1910, no proofs taken as yet in rebuttal by complainant, (No. 1913, N.D.Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.

**749,272** Electric motor control, S. T. Dodd, Jan. 12, 1904, defendant's proofs closed May 4, 1910, no proofs taken as yet in rebuttal by complainant, (No. 1913, N.D.Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.

**749,983** Stencil-duplicating machine, A. B. Dick, Jan. 19, 1904, infringed, (C. C., S. D. N. Y.), 149 F. 424.

**750,234** Skirt, Smith & Malnight, Jan. 19, 1904, the claim not void on its face on demurrer and plea, (C. C. W. D. Mich., S. D.), 190 F. 197.

**750,744** Portable drill, J. F. Willey, Jan. 26, 1904, claim 2 valid but not infringed, (D. C. N. D. Ill. E. D.), 217 F. 252.

**751,722** See Reissue 12,460.

**752,048** Electric meter, T. Duncan, Feb. 16, 1904, held to not infringe claims 3, 6 and 7 of 604,465, (C. C. A. 7th Cir.), 163 F. 839.

**752,474** Spoil pipe for dredgers, E. Semple, Feb. 16, 1904, not infringed, (C. C. A 9th Cir.), 177 F. 407.

**752,487** Method of sprinkling streets, L. S. Van Westrum, Feb. 16, 1904, void, (C. C. N. D. Ill., E. D.), 164 F. 989; decree below dismissing bill reversed, (C. C. A. 7th Cir.), 174 F. 144.

**752,729** Window strip, C. Vose, Feb. 23, 1904, bill dismissed, (D. C. E. D. N. Y.), 216 F. 523.

**752,903** Dredge for salt and pepper, O. K. Hogan, Feb. 23, 1904, held not void on demurrer, (C. C. A. 3rd Cir.), 154 F. 66; valid, infringed, (C. C. E. D. Pa.), 163 F. 289; (C. C. A. 3rd Cir.), 167 F. 327.

**753,177** Glandular extractive compound, ("Adrenalin"), J. Takamine, claims 1, 2, 5 and 6 valid and infringed, claims 3 and 4 void, (C. C. S. D. N. Y.), 189 F. 95; claims 5 and 6 valid and infringed, claims 1 and 2 not passed upon, (C. C. A. 2nd Cir.), 196 F. 496.

**753,264** Hub guard for wheels, J. B. Howard, Mar. 1, 1904, claim 1 valid, infringed, (C. C. D. N. J.), 165 F. 211.

**753,577** See Reissue 12,263.

**754,242** Folding typewriter, F. S. Rose, Mar. 8, 1904, valid and infringed, (C. C. A. 2nd Cir.), 181 F. 500.

**754,404** Window shade holder, J. W. Paterson, Mar. 8, 1904, invalid as against 676,557, (C. C. N. D. Ill. E. D.), 174 F. 45; not infringed by 676,557, (C. C. A. 7th Cir.), 178 F. 95.

**754,807** Tunnel construction, J. W. Reno, Mar. 15, 1904, not infringed, (C. C. A. 2nd Cir.), 207 F. 561.

**755,110** Knotting machine, H. D. Coleman, Mar. 22, 1904, valid and infringed, (D. C. E. D. N. C.), 200 F. 59; (C. C. A. 4th Cir.), 205 F. 904; claims 2, 9 and 18 valid and infringed, (D. C. D. Mass.), 216 F. 911.

**755,187** Dies, G. S. Tiffany, March 22, 1904, not void on its face on demurrer, (C. C. E. D. Mich. S. D.), 190 F. 195; void, (D. C. E. D. Wis.), 215 F. 727.

**756,151** Miner's lamp, John Anton, March 29, 1904, claim 2 void, (C. C. A. 3d Cir.), 185 F. 796.

**756,953** Machine for intimately mixing milk, A. Gaulin, Apr. 12, 1904, valid and infringed, (D. C. D. Conn.), 203 F.516.

**757,441** Cluster socket for electric lights, John H. Dale, Apr. 19, 1904, denied priority in interference, 30 App. D.C.498.

**757,537** Method of signaling for electric railways, S. M. Young, Apr. 19, 1904, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.

**757,754** Railway rail stay, Laas & Sponenburg, Apr. 19, 1904, decree (145 F. 195) affirmed, (C. C. A. 7th Cir.), 150 F. 764; void, priority awarded to J. M. Scott in interference under sec. 4915 R. S., (C. C. E. D. Wis.), 161 F. 122.

**757,762** Drive chain, E. F. Morse, April 19, 1904, claims 1, 2, 9, 10 and 11 not infringed, (C. C. A. 7th Cir.), 164 F. 331; see Reissue 12,844.

**757,853** Electric switch, G. H. Wittingham, Apr. 19, 1904, not infringed, (C. C. D. Md.), 180 F. 983.

**758,128** Mail chute, J. W. Cutler, Apr. 26, 1904, plea sustained, (C. C. E. D. Mo., E. D.), 168 F. 931; judgment for plaintiff as to claims 1 to 7, 10, 15, 17, 18, 21, 27 and 54, (C. C. E. D. Mo., E. D., Jan. 22, 1910; interlocutory decree made final in March, 1911), Cutler v. U. S. Mail Chute Equipment Co., not reported.

**758,753** Combined mop and wringer, Edward Hilker, May 3, 1904, claim 1 void, anticipated by 716,417, (C. C. A. 6th Cir.), 191 F. 613.

**758,937** Hosiery singeing machine, M. Sarfert, May 3, 1904, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.

**758,959** Sling for sugar cane, O. Crosby, May 3, 1904, claim 1 valid and infringed, (D. C. N. D. Ga. W. D.), 216 F. 785.

**759,037** See Reissue 13,033.

**759,371** Coat-collar, Harry Hoffman, May 10, 1904, license to use trade-mark as incident to license to make and sell under the patent, (C. C. N. D. Ill., E. D.), 183 F. 597.

**759,388** Caisson, D. E. Moran, May 10, 1904, demurrer to bill, (C. C., S. D. N. Y.), 171 F. 425.

**759,389** Caisson, D. E. Moran, May 10, 1904, demurrer to bill, (C. C., S. D. N. Y.), 171 F. 425.

**759,472** Thermostat, A. Roesch, May 10, 1904, valid, (C. C. N. D. Ill., E. D.), 164 F. 191.

**759,727** Fastener for sheet metal casket, J. Maxwell, May 10, 1904, not void on face, (D. C. N. D. N. Y.), 205 F. 515.

**759,728** Sheet metal casket, J. Maxwell, May 10, 1904, not void on face, (D. C. N. D. N. Y.), 205 F. 515.

**759,928** Circular knitting machine, Stafford & Holt, May 17,1904, claims 2, and 5 to 9 valid, infringed, (C. C. N. D. N. Y.), 161 F. 113.

**760,003** Regulator for elastic fluid turbines, Tore G. E. Lindmark, May 17, 1904, denied priority in interference, 31 App. D. C. 612.

**760,189** Plant for feeding metallurgical furnaces, A. P. Gaines et al., May 17, 1904, not void on its face, (C. C. N. D. Ala. S. D.), 173 F 303.

**760,404** Locking device for card index rods, C. A. Weidner, May 17, 1904, held to not infringe 628,886, (C. C. A. 1st Cir.), 147 F. 246.

**760,728** Vault-light construction, W. L. Caldwell, May 24, 1904, not infringed, (C. C. E. D. Pa.), 175 F. 113; not infringed, (C. C. A. 3rd Cir.), 181 F. 691.

**761,409** Gas burner, E. Rudd, May 31, 1904, not infringed, (D. C. S. D. N. Y.), 200 F. 440; valid and infringed by 908,-236, (C. C. A. 2nd Cir.), 205 F. 372.

**761,496** Signature gathering machine, C. A. Juengst, May 31, 1904, valid, not infringed,if construed broadly enough to include the alleged infringing structure invalid,(C. C., S. D. N. Y.), 171 F. 428; claim 1 valid and infringed; claim 19 invalid as a substantial duplication of claim 1; the remaining claims not infringed, (C. C. A. 2nd Cir.), 179 F. 374.

**761,590** Golf ball, Eleazer Kempshall, May 31, 1904, denied priority in interference, 29 App. D. C. 181.

**761,635** Wire paper clip, A. F. Kelley, May 31, 1904, void, (C. C. S. D. N. Y.), 147 F. 734.

**762,232** Bicycle amusement apparatus, T. W. Eck, June 7, 1904, claims 1 and 7, void, (C. C. A. 2nd Cir.), 182 F. 211.

**762,282** Fluid pressure brake apparatus, M. Corrington, June 14, 1904, valid and infringed, (C. C. S. D. N. Y.), 173 F. 69; claims 1 to 6 void, claims 7 to 14 not infringed, (C. C. A. 2nd Cir.), 178 F. 711.

**762,370** Electric signaling system, S. M. Young, June 14, 1904, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.

**762,932** Pneumatic motor, R. A. Norling, June 21, 1904, denied priority in interference, 37 App. D. C. 169.

**763,772** Wireless telegraph apparatus, G. Marconi, June 28, 1904, valid and infringed, (D. C. E. D. N. Y.), 213 F. 815.

**764,227** Fountain pen, A. Eberstein, July 5, 1904, claims 1 and 2 not infringed by 969,198, (D. C. D. Mass.), 212 F. 187.

**764,486** Filtering process, G. Moore, July 5, 1904, claims 4, 5 and 10 not infringed, (D. C. D. N. J.), 195 F. 530; claims 4 and 5 valid and infringed, (C. C. A. 3rd Cir.), 201 F. 532.

**764,608** Alternating current electromagnet, D. L. Lindquist, July 12, 1904, claims 1, 2 and 3 valid and infringed, (D. C. N. D. N. Y.), 198 F. 116; (C. C. A. 2nd Cir.), 204 F. 277; valid and infringed, (D. C. N. D. N. Y.), 217 F. 583.

765,240 Tune sheet attachment for player pianos, A. Hobart, July 19, 1904, claims 1 to 4 and 6 valid, infringed, (C. C. N. D. N. Y.), 162 F. 160; (C. C. A. 2nd Cir.),168 F.279; awarded priority in interference, 31 App. D. C. 286; exceptions overruled, (D. C. N. D. N. Y.), 197 F. 929.

765,406 Blue-printing apparatus, J. H. Wagenhorst, July 19, 1904, infringes claims 12 and 13 of 777,096, (C. C. A. 6th Cir.), 191 F. 579.

765,574 Overlay for half tone printing plates and method of making same, J. E. Gilbert, July 19, 1904, suit pending, (C. C. N. Y.), Gilbert, Harris & Co. v. Watyelhan & Apeyer; (C. C. Wis.), Gilbert, Harris & Co. v. Cantwell, not reported; void, (C. C. A. 2nd Cir.), 197 F. 315.

765,845 Metal weather-strip, Hugh E. Kenny, July 26, 1904, valid and infringed, (C. C. W. D. N. Y.), 186 F. 843.

766,004 Automatic weighing machine, E. G. Thomas, July 26, 1904, void, (C. C. D. Me.), 158 F. 415; valid, infringed, (C. C. A. 1st Cir.), 166 F. 288; infringed, (C. C. D. Me.), 193 F. 76; claims 1, 3, 5, 6 and 7 not infringed by 782,874 or 720,008, (C. C. A. 1st Cir.), 200 F. 573.

766,158 Ellipsograph, F. W. Starr, July 26, 1904, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claims 9, 10, 12 and 13 void, (C. C. A. 6th Cir.), 203 F. 264.

766,595 Device for forming ornamental structures, L. B. Christopherson, Aug. 2, 1904, held not to infringe 691,598, (C. C. A. 9th Cir.), 182 F. 817.

766,988 Folding table, F. M. Burrowes, Aug. 9, 1904, not infringed, (D. C. S. D. N. Y.), 198 F. 136; claim 4 void, claims 5 and 6 not infringed, (C. C. A. 2nd Cir.), 204 F. 614.

767,303 Telegraph transmitter, H. G. Martin, Aug. 9, 1904, valid, infringed, (C. C. S. D. N. Y.), 153 F. 589; claims 1 and 2 infringed, (C. C. A. 2nd Cir.), 160 F. 667.

768,354 Means for varying the voltage of alternating currents, J. E. Woodbridge, Aug. 23, 1904, no proofs taken since filing of replication, (N. D. Ohio, W. D.), General Electric Co. v. Sandusky etc. Electric Ry.Co., not reported.

**768,550** Process of pasteurizing beer, E. Wagner, Aug. 23, 1904, void, anticipated by German 89,691, (C. C. A. 8th Cir.), 190 F. 573.

**768,591** Switch rod mechanism, H. G. Elfborg, Aug. 30, 1904, not infringed, (C. C. N. D. Ill., E. D.), 156 F. 594.

**768,592** Switch rod mechanism, H. G. Elfborg, Aug. 30,1904, not infringed, (C. C. N. D. Ill., E. D.), 156 F. 594.

**768,888** Tank car, J. W. Van Dyke, Aug. 30, 1904, claims 14, 15, 16 and 17 valid and infringed, (D. C. S. D. N. Y.), 202 F. 503.

**769,078** See Reissue 12,594.

**769,618** Means for observing dust-laden currents, August Lotz, Sept. 6, 1904, denied priority in interference, 31 App. D. C. 205.

**769,788** Fireproof drop curtain, J. H. Channon, Sept. 13, 1904. void, (C C. A. 7th Cir.), 168 F. 705.

**770,024** Horn for phonographs or similar machines, Ruggiero & Bongiorno, Sept. 13, 1904, on demurrer to bill, (C. C., N. D. N. Y.), 162 F. 902; claim 1 void, and not infringed if conceded validity, (C. C. N. D. N. Y.), 190 F. 10; (C. C. A. 2nd Cir.), 200 F. 1022.

**770,157** Telephone desk stand, C. L. Boyce, Sept. 13, 1904, held valid and infringed May 11, 1906, (C. C. D. Conn.), Western Electric Co. v. Conn. Telephone & Electric Co., for compl.,Barton, Tanner & Folk, for dft., Wicket, Meier & Booth; held valid and infringed Feb. 13, 1908, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J.S. McHugh; held valid and infringed Aug. 30, 1909, (C. C. N. D. Ill. E. D.), Western Electric Co. v. Western Telephone Mfg. Co., for compl., Barton, Tanner & Folk, for dft., Pringle & Fearing, not reported.

**771,426** Sectional sheet piling, W. C. Harder, Oct. 4, 1904, not infringed, (C. C. N. D. Ill., E. D.), 149 F. 434; (C. C. A. 7th Cir.), 160 F. 463.

**771,441** Horn for talking machines, P. C. Nielsen, Oct. 4, 1904, judgment for plaintiff affirmed, (C. C. A. 9th Cir.), 214 F. 86; order granting preliminary injunction affirmed, (C. C. A. 9th Cir.), 214 F. 99; (C. C. A. 9th Cir.), 214 F. 257.

**771,725** Brush, William A. Geen, Oct. 4, 1904, denied priority in interference. 28 App. D. C. 437.

**771,748** Electric time alarm, W. H. Robins et al., Oct. 4, 1904, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.

**771,749** Burglar alarm, W. H. Robins et al., Oct. 4, 1904, claims 3 and 6 void, the remaining claims not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claims 1, 3, 4, 6, 15 and 20 not infringed if conceded validity, (C. C. A. 8th Cir.), 209 F. 845.

**771,766** Hanger and track for sliding doors, John H. Burkholder, Oct. 4, 1904, awarded priority in interference, 29 App. D. C. 485.

**771,774** Apparatus for copying drawings, J. M. G. Fullman, Oct. 4, 1904, valid and infringed, (C. C. W. D. Pa.), 173 F. 315; claims 1, 2, 3 and 5 void, claim 4 valid but not infringed, (C. C. A. 3rd Cir.), 181 F. 345.

**771,963** Pin setting device, J. C. Backus, Oct. 11, 1904, held to infringe 644,546, (C. C. N. D. Ill., E. D.), 153 F. 288.

**772,014** See Reissue 12,430.

**772,701** Cheese stirring apparatus, J. S. Deal, Oct. 18, 1904, valid and infringed, (C. C. W. D. Wis.), 180 F. 474.

**772,743** Drum head, Hermann Oschatz, Oct. 18, 1904, not infringed, (C. C., S. D. N. Y.), 172 F. 445.

**772,862** Process of electrically treating gases, K. Birkeland, Oct. 18, 1904, priority denied as to claims 1, 2 and 3.

**773,234** Vibratile apparatus, L. Snyder, Oct. 25, 1904, motion for preliminary injunction granted, (C. C. D. Md.), 154 F. 492.

**773,348** Panoramic camera, L. J. Smith, Oct. 25, 1904, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.

**773,657** Exhaust heater for compound motors, T. G. E. Lindmark, Nov. 1, 1904, awarded priority in interference, 34 App. D. C. 445; 37 App. D. C. 322.

**774,210** Knot or tie for wire fences, G. S. Tiffany, Nov. 8, 1904, not void on its face on demurrer, (C. C. E. D. Mich., S. D.), 190 F. 195.

**774,473** Circular knitting machine, H. A. Houseman, Nov. 8, 1904, claim 22 void, (C. C. E. D. Pa.), 181 F. 157; claim 22, as construed narrowly, held valid but not infringed, (C. C. A. 3d Cir.), 188 F. 323.

**774,490** Metallic ring packing, J. C. Paine, Nov. 8, 1904, valid, infringed, (C. C. D. Conn.), 161 F. 134; void, (C. C. D. Conn.), 172 F. 147.

**774,802** Gas generator, F. S. Vincent, Nov. 15, 1904, action at law, (C. C. A. 6th Cir.), 205 F. 740.

**775,123** Apparatus for electrically treating gases, K. Birkeland, Nov. 15, 1904, priority denied as to claims 1, 2 and 10.

**775,134** Razor, King C. Gillette, Nov. 15, 1904, claims 2, 7, 9 to 11, 17 to 20, 23, 26 and 29 valid and infringed by 933,-020, (C. C. D. N. J.), 187 F. 149; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 421; preliminary injunction denied, (D. C. D. N. J.), 197 F. 574.

**775,310** Variable-speed motor, M. Pfatischer, Nov.22, 1904, void, (C. C. S. D. N. Y.), 191 F. 506; (C. C. A. 2nd Cir.), 202 F. 224.

**775,635** Flexible roofing or flooring, L. C. Rugen et al., Nov. 22, 1904, valid and infringed, (C. C. S. D. N. Y.), 175 F. 346; valid but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.

**775,636** Flexible roofing or flooring, L. C. Rugen et al., Nov. 22, 1904, claims 4, 9 and 11 valid and infringed, (C. C. S. D. N. Y.), 175 F. 346; valid but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.

**775,901** Water purifying apparatus, J. C. W. Greth, Nov. 22, 1904, claims 10 and 11 not infringed if conceded validity, (D. C. W. D. Ky.), 194 F. 139; claim 11 valid and infringed, (C. C. A. 6th Cir.), 209 F. 210.

**776,220** Controller for electric vehicles, Henry H. Cutler, Nov. 29, 1904, denied priority in interference, 31 App. D. C. 297.

**776,413** Telephone party line ringing keys, F. R. McBerty, Nov. 29, 1904, held valid and infringed June 24, 1910, (C. C. N. D. Ohio, E. D.), Western Electric Co. .v Dean Electric Co., for compl., D. C. Tanner; Barton & Folk, for dft., Brown & Williams, not reported.

**776,877** Turbine motor for boiler-tube cleaners, H. F. Weinland, Dec. 6, 1904, void, (D. C. W. D. Pa.), 205 F. 149; (C. C. A. 3rd Cir.), 214 F. 581.

**777,096** Printing apparatus, R. Herman, Dec. 13, 1904, claims 12 and 13 valid and infringed by 765,406, claims 16, 17 and 18 invalid, (C. C. A. 6th Cir.), 191 F. 579; decree after accounting, (C. C. A. 6th Cir.), 216 F. 606.

**777,488** Fish bait, F. D. Rhodes, Dec. 13, 1904, claims 8, 9 and 10 valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 477.

**777,531** Tent cottage, J. R. Parks, Dec. 13, 1904, void, (C. C. A. 8th Cir.), 195 F. 275.

**777,635** Valve controller for elevators, K. E. O. Jansson, Dec. 13, 1904, claims 17, 18, 19 and 21 not infringed, (C. C. A. 3rd Cir.), 194 F. 695.

**777,637** Rheostat, Keeney & Rhine, Dec. 13, 1904, held to infringe claims 1 and 4 of 418,678, (C. C., E. D. Wis.), 147 F. 266.

**777,714** Cluvert, C. W. Carter, Dec. 20, 1904, claim 1 construed and held not infringed, (D. C. N. D. Ohio, E. D.), 211 F. 481.

**778,394** Panoramic camera, Angsten & Gesbeck, Dec. 27, 1904, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.

**778,749** Grate, A. E. Johnson, Dec. 27, 1904, not infringed by 828,769 or 834,932, (C. C. A. 8th Cir.), 178 F. 819.

## 1905

**779,285** Well-sinking apparatus, H. G. Johnston, Jan. 3, 1905, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; decree of District Court for defendants affirmed, (C. C. A. 5th Cir.), 208 F. 145.

**779,430** Cigarette-machine, P. A. Lawless, Jan. 10, 1905, infringes claim 1 of 711,986 and claim 3 of 711,987, (C. C. A. 2d Cir.), 188 F. 318.

**779,431** Cigarette-machine, P. A. Lawless, Jan. 10, 1905, infringes claim 1 of 711,986 and claim 3 of 711,987, (C. C. A. 2d Cir.), 188 F. 318.

**779,500** Tent, Edward I. Rice, Jan. 10, 1905, on motion and demurrer, (C. C. N. D. N. Y.), 182 F. 832.

**779,651** Process of making fabric-covered ornaments, A. M. Holstein, Jan. 10, 1905, not infringed, (C. C. A. 6th Cir.), 211 F. 462.

**780,641** Electric switch, E. R. Dull, Jan. 24, 1905, claims 1 and 4 valid, infringed, (C. C. N. D. Ill., E. D.), 161 F. 129.

**780,664** Printing telegraph receiver, J. M Joy, Jan. 24, 1905, claims 1 to 6, 9, 11, 23, 24, 26, 27 and 30 valid, infringed, claim 12 void, claim 15 not infringed, (C. C., S. D. N. Y.), 166 F. 473; valid and infringed as to all claims except claim 12, (C. C. A. 2nd Cir.), 168 F. 703; claim 12 valid and infringed, (C. C. S. D. N. Y.), 200 F. 72, 200 F. 74.

**781,412** Grain drill, William Fetzer, Jan. 31, 1905, awarded priority in interference, 31 App. D. C. 586.

**781,455** Cigar pocket, O. L. Parmenter, Jan. 31, 1905, void, (C. C. E. D. Wis.), 181 F. 394.

**781,635** Undergarment for women, L. J. Critcher, Feb. 7, 1905, valid, infringed, (C. C., N. D. Ill., E. D.), 160 F. 693; (C. C. A. 7th Cir.), 164 F. 188; suit on contract, (C. C. W. D. Wis.), 169 F. 653.

**781,711** Process for treatment of ores, A. H. Brown, Feb. 7, 1905, claim 1 valid and infringed, (D. C. D. Del.), 207 F. 579; not infringed, (C. C. A. 3rd Cir.), 212 F. 163.

**782,375** Composition for making phonograph records, J.W.Aylsworth, Feb. 14, 1905, infringed, (C. C. E. D. Pa.), 159 F. 171; decree of court below enjoining defendant affirmed, (C. C. A. 3d Cir.), 178 F. 276; defendant adjudged in contempt for violation of preliminary injunction, (C. C. N. D. Iowa, C. D.), 186 F. 513.

**782,383** Caisson or coffer-dam, John W. Doty, Feb. 14, 1905, demurrer to bill, (C. C., S. D. N. Y.), 171 F. 425.

**782,552** Coupling-pipe, Joseph H. Glauber, Feb. 14, 1905, valid and infringed, (C. C. A. 7th Cir.), 184 F. 609.

**782,701** Means for cleaning out the bore of guns, F. L. Sawyer, Feb. 14, 1905, claimant's petition dismissed, 46 Ct. of Cls. 601.

**782,874** Weighing and packaging machine, F. G. Pennock, Feb. 21, 1905, does not infringe claims 1, 3, 5, 6 and 7 of 766,004, (C. C. A. 1st Cir.), 200 F. 573.

**782,986** Loose-leaf attachment, F. Phoenix, Feb. 21, 1905, held to not infringe 743,114, (C. C. S. D. N. Y.), 159 F. 472.

**783,050** Breech loading ordnance, Knapp & Dunn, Feb. 21, 1905, claimant's petition dismissed, 46 Ct. of Cls. 601.

**783,126** Account recording appliance, P. A. McCaskey, Feb. 21, 1905, not infringed, (C. C. W. D. Pa.), 181 F. 171; not infringed, (C. C. A. 3rd Cir.), 194 F. 967; valid but not infringed, (D. C. N. D. N. Y.), 217 F. 415.

**783,223** Metal planer, H.Robinson, Feb. 21, 1905, held to infringe 472,804, (C. C. D. Md.), 156 F. 777.

**783,983** Gas engine, C. E. Sargent, Feb. 28, 1905, answer filed June 2, 1908, (7th Cir. N. D. Ill.), Sargent Engineering Co. and Wisconsin Engine Co. v. Allis-Chalmers Co. and Illinois Steel Co., not reported.

**784,265** Car, Ingoldsby & Bowling, Mar. 7, 1905, application for reissue denied priority in interference with 804,970, 35 App. D. C. 102.

**784,385** Trumpet for talking machines, Alfred R. Cunnius, Mar. 7, 1905, on demurrer to bill, (C. C., N. D. N. Y.), 162 F. 902; claims 1 and 2 void, and not infringed if conceded validity, (C. C. N. D. N. Y.), 190 F. 10; (C. C. A. 2nd Cir.), 200 F. 1022.

**784,695** Insulating lining, N. Marshall, Mar. 14, 1905, claims 5 and 9 void, (C. C. D. Mass.), 153 F. 579; (C. C. A. 1st Cir.), 164 F. 862; preliminary injunction granted, (C. C. D. Mass.), 169 F. 426; decree 169 F. 426 affirmed, (C. C. A. 1st Cir.), 185 F. 499.

**785,017** Combined lamp-shade and reflector, Alexander P. McArthur, Mar. 14, 1905, denied priority in interference, 31 App. D. C. 514.

**785,070** Automatic feeder for twine making machine, Monahan & Kieren, Mar. 14,1905, held not to infringe 524,423 or 654,991, (C. C. A. 7th Cir.), 159 F. 429; the 10 claims involved valid but not infringed, (C. C. E. D. Wis.), 194 F. 885; claims 9, 14, 17, 18, 19, 20, 21, 23 and 24 valid but not infringed, (C. C. A. 7th Cir.), 207 F.937.

**785,358** Hoist, W. Gutenkunst, Mar. 21,1905, held to not infringe 584,340, (C. C. A. 7th Cir.), 148 F. 220.

**785.410** Spring structure, F P. D'Arcy, Mar. 21, 1905, claim 2 valid but not infringed, (C. C. A. 6th Cir.), 181 F.340.

**786,011** Time-recorder, John Dey & Alexander Dey, Mar.28,1905, claims 35, 54, and 60 to 64, not infringed, (C. C., N. D. N. Y.), 169 F. 807; void, (C. C. A. 2nd Cir.), 178 F. 812.

**786,294** Clutch mechanism for printing telegraph, J. M. Joy,Apr. 4, 1905, valid, infringed, (C. C. S. D. N. Y.), 166 F.473.

**786,653** Elevator controlling mechanism, T. Larsson, April 4, 1905, does not infringe 700,740, (C. C. D. Mass.), 153 F. 747.

**786,654** Valve mechanism for hydraulic elevators, T. Larsson, April 4, 1905, does not infringe 700,740,(C.C.D.Mass.), 153 F. 747; a device considered quite similar to this patent held to infringe 700,740, (C. C. A. 1st Cir.), 165 F. 906.

**787,010** Patch for rubber tires, C. O. Tingley, Apr. 11, 1905, void, (C. C. A. 3rd Cir.), 202 F. 756.

**787,050** Glass-molding machine, Edward Miller, Apr. 11, 1905, not infringed, (C. C., D. N. J.), 160 F. 501.

**787,425** Stove reservoir, A. K. Beckwith, Apr. 18, 1905, claim 11 valid and infringed, (C. C. E. D. Wis.), 174 F.1001; claim 11 valid and infringed, (C. C. A. 7th Cir.), 189 F. 74; accounting ordered to proceed, (D. C. E. D. Wis.), 195 F. 291.

**787,537** Change speed gearing for lathes, A. E. Newton, Apr. 18, 1905, held to not infringe 470,591, (C. C. D. Mass.), 155 F. 133; (C. C. A. 1st Cir.), 162 F. 481.

**788,305** Wire-fence machine, Joseph M. Denning, Apr. 25, 1905, infringes patent No. 577,639, (C. C. A. 8th Cir.), 169 F. 793.

**788,803** Sanitary drainage and vent fitting, F. Walker, May 2, 1905, valid, not infringed, (C. C. A. 9th Cir.), 164 F. 693.

**788,830** Elastic fluid turbine, F. Hodgkinson, May 2, 1905, complainant's prima facie proofs closed Mar. 16, 1907, awaiting defendant's testimony, (D. N. J.), Westinghouse Machine Co. v.Allis-Chalmers Co., not reported.

**789,053** Web-guiding device, James O'Connor, May 2, 1905, valid but not infringed, (C. C. A. 2d Cir.), 186 F. 159.

**789,127** Process of making lump starch, E. Gudeman, May 2, 1905, does not infringe 541,941, (D. C. N. D. Iowa), 207 F. 571.

**789,218** Bill hook, W. Hornich, Jr., May 9, 1905, claims 3, 4 and 5 valid, infringed, (C. C. W. D. N. Y.), 167 F. 565.

**789,243** Amusement device, W. H. Strickler, May 9, 1905, not infringed, (C. C. E. D. Wis.), 166 F. 128.

**789,306** Gear case, B. L. Waters, May 9, 1905, claim 2 valid and infringed, (C. C. E. D. N. Y.), 189 F. 386.

**789,433** Binding-post or circuit terminal, E. J. King, May 9, 1905, claims 1 and 6 void, (C. C. A. 7th Cir.), 183 F. 415.

**789,597** High-potential switch, Emmet & Hewlett, May 9, 1905, claims 1, 5 to 10 and 14 valid, (C. C. A. 1st Cir.), 187 F. 131; preliminary injunction granted, (C. C. D. Mass.), 191 F. 511; preliminary injunction held properly granted, (C. C. A. 1st Cir.), 196 F. 42.

**789,903** Combined bed and couch, Charles L. Fenner, May 16, 1905, denied priority in interference, 30 App. D.C.507.

**790,184** Confectionery coating machine, G. Carlson, May 16,1905, held anticipated by 685,790, (Jury trial, C. C. S. D. N. Y.), Panoulias v. Confectioners' Mchy. & Mfg. Co., for plf. F. E. M. Bullowa, for dft. Wm. Quinby, not reported.

**790,609** Shaft hanger, C. O. Wood, May 23, 1905, both claims valid and infringed, (C. C. M. D. Pa.), 191 F. 196; valid and infringed, (C. C. A. 3rd Cir.), 196 F. 780; not infringed, (D. C. M. D. Pa.), 206 F. 172; (C. C. A. 3rd Cir.), 214 F. 581.

**791,216** See Reissue 12,443.

**791,217** Process and mechanism for making wire glass, E. C. Schmertz, May 30, 1905, valid, infringed, (C. C. W. D. Pa.), 168 F. 73; not infringed, (C. C. A. 3rd Cir.), 178 F. 944; infringed by 867,510, (C. C. N. D. Ill. E. D.), 178 F. 977; motion for preliminary injunction denied, (C. C. N. D. Ill., E. D.), 178 F. 973; valid but not infringed by 867,510, (C. C. A. 7th Cir.), 185 F. 788.

**791,347** Recoil brake for wheeled gun carriage, O. Lauber, May 30, 1905, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.

**791,420** Typewriter, F. W. Hillard, May 30, 1905, claims 8, 11, 12 and 15, if valid, then not infringed by 599,428 or 618,154, (C. C. A. 2d Cir.), 186 F. 334.

**791,673** Electric meter, F. P. Cox, June 6, 1905, claims 11, 12, 15, 16, 17, 18, 19 and 20 void, (C. C. A. 7th Cir.), 174 F. 247.

**791,951** Traveling crane, G. W. Shem, Mar. 17, 1905, claims 1 and 2 void, claims 3, 4 and 5 valid and infringed, (C. C. A. 6th Cir.), 176 F. 100.

**791,967** Attachment for player pianos, F. C. Whitmore, June 6, 1905, claims 3, 4 and 5, void, (C. C. N. D. N. Y.), 162 F. 160.

**792,284** Method of manufacturing bottle-closures, William Painter, June 13, 1905, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; claim 1 not infringed, (C. C. A. 2nd Cir.), 211 F. 650.

**792,658** Motor starter, Albert J. Horton, June 20, 1905, denied priority in interference, 32 App. D. C. 217; awarded priority in interference as to count 1 and denied priority as to the remaining counts, 40 App. D. C. 22.

**792,862** Stoker, E. E. Taylor, June 20, 1905, held to infringe claims 6 and 9 of 470,052, (C. C. D. R. I.), 165 F. 65.

**793,779** Savings bank, C. Fisher, July 4, 1905, infringement doubtful, preliminary injunction denied, (C. C. N. D. Ill., E. D.), 158 F. 824.

**793,857** Steam turbine, E. C. Terry, July 4, 1905, motion for leave to file supplemental answer denied, (D. C. D. Mass.), 204 F. 103.

**794,064** Fence-wire pliers, H. L. White, July 4, 1905, valid and infringed, (C. C. D. N. J.), 189 F. 619; construed and held not infringed, (C. C. A. 3d Cir.), 191 F. 169.

**794,587** Car handling apparatus, L. F. Card, July 11, 1905, demurrer overruled, (D. C. E. D. Tenn., N. D.), 202 F. 351.

**794,745** Automatic starter for vapor apparatus, M. Von Recklinghausen, July 13, 1905, denied priority in interference, 34 App. D. C. 474.

**795,059** Street flushing cart, L. F. Ottofy, July 18, 1905, valid. infringed, (C. C. A. 8th Cir.), 156 F. 574; exceptions sustained, (C. C. E. D. Mo.), 180 F. 759; nominal damages allowed, (C. C. A. 8th Cir.), 192 F. 121; valid and infringed, (C. C. A. 2nd Cir.), 198 F. 99; valid but not infringed, (C. C. A. 2nd Cir.), 211 F. 980; motion for preliminary injunction denied, (D. C. N. D. N. Y.), 216 F. 190; if valid not infringed, (D. C. S. D. N. Y.), 216 F. 630.

**796,827** Horseshoe calk, John Durkee, Jr., Aug. 8, 1905, denied priority in interference, 31 App. D. C. 248.

**796,928** Can heading machine, J. McGinnis, Aug. 8, 1905, held to not infringe 477,584, (C. C. D. Md.), 156 F. 784.

**797,122** See Reissue 12,445.

**797,338** Sled runner, S. L. Allen, Aug. 15, 1905, void, anticipated by 408,681, (C. C. N. D. N. Y.), 178 F. 287.

**797,505** Method of finishing canes, J. Eisenstein, Aug. 15, 1905, void, (C. C. D. N. J.), 160 F. 686.

**797,555** Internal combustion engine, C. A. Carlson, Aug. 22,1905, claim 1 valid and infringed, (C. C. S. D. N. Y.), 178 F. 458; same, (C. C. A. 2nd Cir.), 197 F. 309.

**798,255** Grinding mill, G. A. Bell, Aug. 29, 1905, does not infringe 923,966, (D. C. N. D. Ill., E. D.), 195 F. 772; (C. C. A. 7th Cir.), 201 F. 100.

**798,756** Ventilating-awning, S. H. Voorhees, Sept. 5, 1905, claim of licensor against bankrupt licensee allowed in part, (D. C. M. D. Pa.), 187 F. 611; reversed, (C. C. A. 3d Cir.), 188 F. 425.

**799,012** Disk harrow, A. C. Lindgren, Sept. 5, 1905, claims 3, 4, 5, 7 and 9 valid and infringed, (C. C. A. 7th Cir.), 212 F. 727.

**799,662** Cover for automboile tires, B. Nathan, Sept. 19, 1905, infringed, (D. C. S. D. N. Y.), 213 F. 870.

**800,131** Machine for making wire glass, A. J. Baldwin, Sep. 26, 1905, void, (C. C. W. D. Pa.), 168 F. 90.

**800,431** Computing cheese-cutter, H. F. Dunn, Sep. 26, 1905, claims 2, 7 and 10 valid, infringed, (C. C. A. 6th Cir.), 163 F. 521; not infringed, (C. C. A. 6th Cir.), 204 F. 617.

**800,916** High-potential switch, Hewlett & Emmet, Oct. 3, 1905, claims 1, 2, 4 and 8 valid and infringed, (C. C. A. 1st Cir.), 187 F. 131; validity doubtful, preliminary injunction denied, (C. C. D. Mass.), 191 F. 511.

**800,930** Sheet metal casket, J. Maxwell, Oct. 3, 1905, not void on face, (D. C. N. D. N. Y.), 205 F. 515.

**801,281** Bottle closure, A. L. Weissenthanner, Oct. 10, 1905, anticipated by 708,528, (C. C. D. N. J.), 156 F. 365; void, (C. C. A. 3rd Cir.), 161 F. 915.

**801,911** Artificial teeth, C. Rauhe, Oct. 17, 1905, not void on face, (D. C. E. D. Pa.), 196 F. 54.

**801,944** Showcase, F. Weber, Oct. 17, 1905, valid and cause remanded, (C. C. A. 9th Cir.), 217 F. 400.

**802,004** Centering for and method of constructing arches, Daniel B. Luten, Oct. 17, 1905, valid and infringed, Luten v. Adams County, (C. C. S. D. Miss.), not reported.

**802,070** Hair-clipper, G. H. Coates, Oct. 17, 1905, does not infringe 481,254, (D. C. D. Mass.), 195 F. 84.

**802,631** Apparatus for making Portland cement, T. A. Edison, Oct. 24, 1905, void, (D. C. S. D. N. Y.), 208 F. 20.

**802,677** See Reissue 12,629.

**804,247** Stone saw, Charles L. Nuel, Nov. 14, 1905, priority in interference denied, 29 App. D. C. 481.

**804,726** Candy pulling machine, E. J. Jenner, Nov. 14, 1905, claim 1 invalid, valid and infringed as to claims 7 and 8, (D. C. D. Md.), 208 F. 1005.

**804,756** Garment supporter, J. F. Molloy, Nov. 14, 1905, does not infringe 552,470, (C. C. S. D. N. Y.), 173 F. 793.

**804,970** Dump car, Spencer Otis, Nov. 21, 1905, awarded priority in interference with application for reissue of 784,265, 35 App. D. C. 102.

**804,985** Firearm, E. H. Searle, Nov. 21, 1905, does not infringe claims 7 or 13 of 580,924 or claim 10 of 747,585, (C. C. A. 2d Cir.), 190 F. 553.

**805,153** Transfer ticket, W. C. Pope, Nov. 21, 1905, valid and infringed, (C. C. A. 6th Cir.), 210 F. 443; petition to rehear granted, (C. C. A. 6th Cir.), 212 F. 719.

**806,394** See Reissue 12,447.

**806,434** Carbureter, G. M. Schebler, Dec. 5, 1905, claims 1, 2 and 3 void, (C. C. E. D. N. Y.), 189 F. 896.

**806,702** Self locking loose leaf binder, C. R. Nelson et al., Dec. 5, 1905, void, (C. C. N. D. Ill. E. D.), 177 F. 439.

**806,763** Car door operating gear, J. M. Ames, Dec. 12, 1905, awarded priority in interference, 37 App. D. C. 365.

**806,779** Water motor, Peter T. Coffield, Dec. 12, 1905, void on account of the reissue of the patent pending suit (see reissue 12,719), (C. C. A. 6th Cir.), 167 F. 321.

**807,109** Hoisting or logging device, W. H. Corbett, Dec. 12, 1905, valid and infringed, (D. C. D. Ore.), 216 F. 150.

**807,937** Electric motor controller, H. D. James, Dec. 19, 1905, complainant's prima facie proofs closed Mar. 18,1910, awaiting defendant's proofs, (S. D. Ohio, E. D.), Westinghouse Co. v. Ohio Mining & Mfg. Co., not reported.

**807,967** Cultivator, E. Rosenbaum, Dec. 19,1905, valid on demurrer, (C. C. N. D. Ga.), 165 F. 214.

**807,990** Process for hulling seed, W. T. Ball, Dec. 19, 1905, assignment to receiver directed, (C. C. D. So. Car.), 168 F. 304; void, (C. C. A. 4th Cir.), 210 F. 278.

## 1906

**809,582** Machine for peeling vegetables, Henry Robinson, Jan. 9, 1906, claims 1, 2 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 723; valid and infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 212 F. 958; valid and infringed on motion for preliminary injunction, (D. C. W. D. N. Y.), 214 F. 985.

**809,996** System of electrical distribution, C. P. Steinmetz, Jan. 16, 1906, bill alleging contributory infringement dismissed, (C. C. W. D. Pa.), 186 F. 637.

**810,098** Corn husker, Theo. P. Walter, Jan. 16, 1906, claim 9, void, (C. C. A. 8th Cir.), 182 F. 811.

**810,240** See Reissue 12,744.

**810,578** Knitting machine, B. T. Steber, Jan. 23, 1906, valid, claim 8 infringed, (D. C. N. D. N. Y.), 217 F. 796.

**811,211** Amusement railway, A. E. W. Frazer, Jan. 30, 1906, not infringed, (C. C. S. D. N. Y.), 180 F. 773.

**811,518** Brick machine, O. Nolan, Jan. 30, 1906, on exceptions to master's report, modified and confirmed, (C. C. D. Minn. 4th Div.), 181 F. 526.

**811,758** Induction motor control, A. H. Armstrong, Feb. 6, 1906, entitled to priority, (D. C. N. D. N. Y.), 199 F. 907; affirmed, (C. C. A. 2nd Cir.), 207 F. 75.

**811,813** Valve, E. V. Anderson, Feb. 6, 1906, motion for preliminary injunction granted,(C. C. W. D. Pa.), 177 F.723.

**811,859** Electric resistance element, A. L. Marsh, Feb. 6, 1906, valid and infringed, (D. C. N. D. Ill. E. D.), 212 F. 422.

**812,183** Telegraph key, W. O. Coffe, Feb. 13, 1906, not infringed, (C. C. S. D. N. Y.), 153 F. 588; valid, claim 11 infringed, claims 12, 13, 16, 18, 19, 21, 23 and 25 to 28 not infringed, (C. C. A. 2nd Cir.), 160 F. 663.

**812,279** Automatic engine stop, N. C. Locke, Feb. 13, 1906, held to not infringe 509,334, (C. C. A. 2nd Cir.), 160 F. 79.

**812,377** Door mechanism for cold storage room, S. P. Stevenson, Feb. 13, 1906, claims 1, 2, 3 and 7 void, claims 4 and 5 not infringed, (C. C. A. 3rd Cir.), 205 F. 286.

**812,976** See Reissue 13,361.

**814,642** Stitch-forming mechanism for sewing machines, C. A. Dearborn, March 6, 1906, infringes claims 3, 12 to 17, 20, 22 and 23 of 705,326, and claims 1 and 2 of 639,669, (C. C. A. 2d Cir.), 185 F. 503.

**814,803** Concrete mixing machine, E. L. Ransome, Mar. 13, 1906, claims 2, 3, 5 and 7 valid, infringed,(C. C. S. D. N. Y.), 165 F. 914; void, anticipated by 661,847, (C. C. A. 2nd Cir.), 177 F. 413.

**815,698** Cultivator or harrow, E. Haiman, Mar. 20, 1906, valid on demurrer, (C. C. N. D. Ga.), 165 F. 214.

**815,890** Electric signaling system, S. M. Young, Mar. 20, 1906, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.

**815,891** Electric signaling system, S. M. Young, Mar. 20, 1906, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.

**815,914** Window lifter, N. R. Evans, Mar. 20, 1906, claims 1, 4, 5 and 6 valid and infringed, (C. C. A. 7th Cir.), 215 F. 586.

**816,059** Gas tank, P. C. Avery, Mar. 27, 1906, title involved, (C. C. E. D. Wis.), 164 F. 60.

**817,199** Door frame, S. P. Stevenson, Apr. 10, 1906, void, (C. C. A. 3rd Cir.), 205 F. 286.

**817,867** Telephone switchboard supervisory signaling system, F. R. McBerty, Apr. 17, 1906, held valid and infringed June 21, 1910, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J. S. McHugh; not reported; evidence insufficient to overcome judgments of Patent Office and Ct. of App. D. C. in interference proceedings, (C. C. A. 7th Cir.), 177 F. 224.

**818,386** Reinforced concrete arch or bridge, D. B. Luten, Apr.17, 1906, valid and infringed, (C. C. E. D. Ill. July 19, 1910), Daniel B. Luten v. Mercantile Bridge and Concrete Tile Co., for plf. F. H. Drury, for dft. J.B.Mann and W. H. Clinton, not reported; validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; valid and infringed, Luten v. O'Connel, (C. C. D. Mass., April 24, 1911), not reported; valid and infringed, Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911), not reported; valid and infringed, Luten v. Adams Co., (C. C. S. D. Miss., Dec. 9, 1911), not reported; bill dismissed, (D. C. M. D. Pa.), 206 F. 175.

**818,402** Pneumatic tire plug, D. Apstein, Apr. 24, 1906, infringes 602,743 and 632,540, (C. C. A. 2nd Cir.), 178 F. 91.

**818,526** Fire escape, C. F. Davy, Apr. 24, 1906, held to not infringe 835,985, (C. C. N. D. N. Y.), 168 F. 295.

**818,603** Door hanger, William P. Benson, April 24, 1906, claims 5, 6, 7, 16 and 17 valid and infringed, (C. C. W. D. Pa.), 192 F. 130.

**818,639** Brake shoe mechanism, W. G. Price, Apr. 24, 1906, construed and held not infringed, (D. C. W. D. Pa.), 211 F. 667.

**818,897** Current controlling device for telephone circuits, R. H. Manson, Apr. 24, 1906. held to not infringe 722,212, (C. C. N. D. Ohio, E. D.), 168 F. 549.

**819,187** Hay stacker, O. P. Vroom, May 1, 1906, infringes claims 1, 2, 4 and 12 of 608,653, (C. C. A. 8th Cir.), 208 F. 549.

**819,322** Block signaling system for electric railways, J. B. Struble, May 1, 1906. valid and infringed, (C. C. S. D. N. Y.), 180 F. 456.

**819,323** Block signaling system for electric railways, J. B. Struble, May 1, 1906, valid and infringed, (C. C. S. D. N. Y.), 180 F. 456.

**819,373** Ice cream dipper, A. P. Olmstead, May 1, 1906, claim 1 infringed by 833,620, (D. C. N. D. N. Y.), 207 F. 825; (C. C. A. 2nd Cir.), 218 F. 637.

**819,605** Staking machine, W. R. Scott, May 1, 1906, held to infringe 457,331, 623,423, and 538,914, (C. C. E. D. Pa.), 158 F. 987.

**819,652** Pavement, W. E. Hassam, May 1, 1906, valid and infringed, (D. C. D. Ore.), 215 F. 114.

**819,832** Electrical distribution, J. L. Woodbridge, May 8, 1906, denied priority in interference, 33 App. D. C. 490.

**820,076** Panel switch and cut-out, J. H. Trumbull, May 8, 1906, void, (C. C. D. Conn.), 168 F. 709; decree of court below holding this patent void affirmed, (C. C. A. 2nd Cir.), 178 F. 1005.

**820,350** Telephone trunk line signaling system, M. S. Conner, May 8, 1906, held valid and infringed Feb. 3, 1909, (C. C. N. D. Ohio, E. D.), Western Electric Co. v. Dean Electric Co., for compl., D. C. Tanner; Barton & Folk, for dft., Brown & Williams, not reported.

**820,507** Wire winding machine, M. E. Layne, May 15, 1906, claims 11 to 17 valid and infringed,(C. C. A. 5th Cir.), 179 F. 120.

**820,879** Combined calculating and typewriting machine, Laganke & Smith, May 15, 1906, priority denied as to claims 3, 4, 135 and 136.

**820,899** Shredded wheat biscuit, W. E. Williams, May 15, 1906, does not interfere with design patent 25,318, (C. C. A. 7th Cir.), 163 F. 252.

**821,192** Artificial teeth, C. Rauhe, May 22, 1906, not void on face, (D. C. E. D. Pa.), 196 F. 54.

**821,306** Lamp shade, O. A. Mygatt, May 22, 1906, valid and infringed, (C. C. S. D. N. Y.), 181 F. 399; not infringed, (C. C. S. D. N. Y.), 186 F. 343.

**821,393** Flying machine, O. and W. Wright, May 22, 1906, valid and infringed on motion for preliminary injunction, (C. C. W. D. N. Y.), 177 F. 257; (C. C. S. D. N. Y.),177 F. 261; preliminary injunction held not warranted, (C. C. A. 2nd Cir.), 180 F. 110; claims 3, 7, 14 and 15 valid and infringed, (D. C. W. D. N. Y.), 204 F. 597; valid and infringed, (C. C. A. 3rd Cir.), 211 F. 655.

**821,580** See Reissue 13,542.

**821,580** Acetylene-gas generating lamp, F. E. Baldwin, May 22, 1906, valid and infringed, (C. C. D. Ill., April 4,1911), Baldwin v. Bleser, not reported; Bleser v. Baldwin pending, (C. C. A. 7th Cir.), not reported; not infringed, (C. C. A. 7th Cir.), 199 F. 133.

**821,653** Well mechanism, M. E. Layne, May 29, 1906, claim 13 valid and infringed, (C. C. A. 5th Cir.), 195 F. 83; claim 20 valid and infringed, claims 4 and 13 not infringed, (C. C. A. 5th Cir.), 213 F. 804.

**821,779** Manure spreader, Theophilus Brown, May 29, 1906, does not infringe No. 632,124, (C. C., D. Mass.), 172 F. 436.

**822,185** Drier, G. E. Chamberlain, May 29, 1906, void, (C. C. A. 8th Cir.), 215 F. 110.

**822,561** Apparatus for making pneumatic tires, P. D. Thropp, June 5, 1906, claims 1 and 2 void, (D. C. D. Mass.), 198 F. 125; (C. C. A. 1st Cir.), 203 F. 986.

**822,723** Ball bearing, R. Conrad, June 5, 1906, claims 2, 8 and 9 valid and infringed, (C. C. E. D. Pa.), 177 F. 435; claims 8 and 9 not infringed, (D. C. E. D. Pa.), 209 F. 867.

**822,900** Force feed lubricator, J.F.McCanna, June 5, 1906, claims 2, 3 and 5 valid and infringed, (C. C. N. D. Ill. E. D.), 177 F. 709; valid and infringed, (C. C. A. 7th Cir.), 194 F. 112.

**823,737** Window screen, G. W. McFarland, June 19, 1906, denied priority in interference, 33 App. D. C. 445.

**824,871** Feeding device for grass twine machine, T. W. Jerrems, July 3, 1906, claim 1 valid but not infringed, (D. C. E. D. Wis.), 194 F. 878; (C. C. A. 7th Cir.), 213 F.798.

**824,898** Liquid cementing paint, H. Abraham, July 3, 1906, valid but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.

**824,906** Process of making wood-alcohol, Harry O. Chute, July 3, 1906, motion to dismiss bill overruled, (C. C. E. D. Wis.), 185 F. 115.

**824,908** Envelope, M. M. Cohn, July 3, 1906, valid and infringed, (C. C. A. 9th Cir.), 207 F. 547.

**825,362** Article support for wardrobes, A. Vanderveld, July 10, 1906, not infringed, (C. C. A. 6th Cir.), 216 F. 341.

**825,784** Automatic piano player, P. Welin, July 10, 1906, not void on face, (C. C. A. 7th Cir.), 207 F. 946.

**825,856** Spark-plug, David B. Mills, July 10, 1906, claims 3 and 6 valid and infringed, (C. C. A. 2nd Cir.), 188 F. 73; order denying motion to punish for contempt affirmed, (C. C. A. 2nd Cir.), 207 F. 84.

**826,341** Fluid-pressure governor, G. Macloskie, July 17, 1906, claims 1, 2 and 3 valid and infringed, (C. C. D. N. J.), 190 F. 165.

**827,809** See Reissue 12,675.

**828,153** Valve for radiators, Byron E. Van Auken, Aug. 7, 1906, claims 1, 2, 3 and 4 valid, not infringed by 959,297, (C. C. N. D. Ill., E. D.), 187 F. 141; valid but not infringed, (C. C. A. 7th Cir.), 199 F. 123.

**828,769** Grate, J. E. Parkison, Aug. 14, 1906, held not to infringe 778,749, (C. C. A. 8th Cir.), 178 F. 819.

**829,105** Process of regulating the temperature of combustion in gas-producers, Henry L. Doherty, Aug. 21, 1906, claims 7, 10 and 13 valid and infringed, petition for rehearing denied, (C. C. D. Mass.), 190 F. 155.

**829,631** Washing machine, Cramer & Haak, Aug. 28, 1906, claims 1 and 2 to 6 valid, infringed, (C. C. M. D. Pa.), 163 F. 296; claims 1, 3, 4, 5 and 6 valid and infringed, (C. C. A. 3rd Cir. 1909), 169 F. 629.

**829,752** Inkwell, F. M. Ashley, Aug. 28, 1906, merits not discussed, (C. C. S. D. N. Y.), 181 F. 840; all claims void, (C. C. A. 2d Cir.), 189 F. 357.

**829,780** Electrical transformer, W. A. Hall, Aug. 26, 1906, void, (C. C. A. 3rd Cir.), 195 F. 280.

**829,911** Conveying mechanism, Delaney & Lambert, Aug. 28, 1906, held to not infringe 480,029, (C. C. A. 3rd Cir.), 154 F. 372.

**830,206** Holder for tape, R. H. Chase, Sept. 4, 1906, awarded priority in interference on reissue application, 37 App. D. C. 179.

**830,483** Concrete reinforcement, D. B. Luten, Sept. 4, 1906, demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.

**830,644** Grain drill, F. E. Davis, Sep. 11, 1906, held to not infringe 659,881, (C. C. W. D. Wis.), 160 F. 504.

**830,645** Grain drill, F. E. Davis, Sep. 11, 1906, held to not infringe 659,881, (C. C. W. D. Wis.), 160 F. 504.

**830,808** Tube cleaner, A. H. Swartz, Sept. 11, 1906, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.

**831,178** Grate, W. McClave, Sept. 18, 1906, void, (D. C. M. D. Pa.), 212 F. 442.

**831,188** Phonograph tone-regulator, E. M. Robinson, Sep. 18, 1906, valid, infringed, (C. C. N. D. Ill., E. D.), 156 F. 585.

**831,450** Wood preservation, C. B. Lowry, Sept. 18, 1906, awarded priority in interference, 37 App. D. C. 311.

**831,501** Candy pulling machine, H. M. Dickinson, Sep. 18, 1906, preliminary injunction denied, (C. C. N. D. N. Y.), 154 F. 82; decree (154 F. 82) reversed, (C. C. A. 2nd Cir.), 159 F. 428; claim 1 valid and infringed, claim 2 valid but not infringed, (D. C. D. Md.), 208 F. 1005.

**831,668** Method of duplicating phonograms, Maurice Joyce, Sept. 25, 1906, claims 3, 4 and 6 not infringed, (C. C. S. D. W. Va.), 184 F. 75.

**832,384** Candy pulling machine, H L. Hildreth, Oct. 2, 1906, demurrers overruled, (C. C. W. D. Texas, San Antonio D.), 162 F. 40; claim 4 void, (D. C. D. Md.), 204 F. 792; (C. C. A. 4th Cir.), 213 F. 788.

**832,896** Amplifying horn for talking machines, W. N. Dennison, Oct. 9, 1906, void, (C. C. E. D. Pa.), 168 F. 554; motion for leave to file supplemental bill granted, (C. C. E. D. Pa.), 173 F. 617; void, (C. C. A. 3rd Cir.), 178 F. 455.

**833,423** Dust collecting or absorbing substance, Berthold Singer, Oct. 16, 1906, void, (C. C. A. 8th Cir.), 185 F. 267.

**833,620** Ice cream spoon, R. Nielsen, Oct. 16, 1906, infringes claim 1 of 819,373, (D. C. N. D. N. Y.), 207 F. 825; (C. C. A. 2nd Cir.), 218 F. 637.

**834,932** Grate, J. E. Parkison. Nov. 6, 1906, held not to infringe 778,749, (C. C. A. 8th Cir.), 178 F. 819.

**835,120** Process of ore concentration, Sulman, Picard & Ballot, Nov. 6, 1906, valid and infringed, (D. C. D. Mont.), 207 F. 956; void, (C. C. A. 9th Cir.), 214 F. 100.

**835,189** Process for making lace paper, B. Karfiol, Nov. 6, 1906, valid and infringed, (C. C. E. D. N. Y.), 165 F. 923; preliminary injunction denied, (C. C. E. D. N. Y.),151 F. 777.

**835,190** Paper cutting machine, B. Karfiol, Nov. 6, 1906, preliminary injunction denied, (C. C. E. D. N. Y.), 151 F. 777; not infringed, (C. C. E. D. N. Y.), 165 F. 923.

**835,283** Apparatus for perforating or dividing paper, B. Karfiol, Nov. 6, 1906, preliminary injunction denied, (C. C. E. D. N. Y.), 151 F. 777; infringed, (C. C. E. D. N. Y.), 165 F. 923.

**835,843** Feed mechanism for drying apparatus, H. Baetz, Nov. 13, 1906, validity not adjudicated, bill dismissed for want of equity, (D. C. E. D. Mo., E. D.), Schoenlau, et al. v. Baetz, not reported; appeal pending, (C. C. A. 8th Cir.), not reported; void, (C. C. A. 8th Cir.), 197 F. 40.

**835,850** Envelope, M. M. Cohn, Nov. 13, 1906, valid and infringed, (C. C. A. 9th Cir.), 207 F. 547.

**835,985** Fire escape, J. C. Sharp, Nov. 13, 1906, preliminary injunction denied, (C. C. N. D. N. Y.), 155 F. 139; claims 1 and 7 not infringed by 818,526, (C. C. N. D. N. Y.), 168 F. 295.

**837,017** Pyrophoric alloy, C. A. Von Welsbach, Nov. 27, 1906, infringed by 967,775, (D. C. S. D. N. Y.), 214 F. 410; valid on motion for preliminary injunction, (D. C. S. D. N. Y.), 214 F. 414; motion for preliminary injunction granted, (D. C. S. D. N. Y.), 215 F. 126.

**837,087** Saw mill apparatus, G. W. Loggie, Nov. 27, 1906, claims 1, 2, 3, 4 and 5 void, claims 6, 7 and 8 valid and infringed by one form of apparatus but not by another, (D. C. W. D. Wash.), 194 F. 158.

**837,188** Drive-gearing for automobile speed indicating mechanism, A. B. Cadman, Nov. 27, 1906, void, (C. C. A. 7th Cir.), 185 F. 507.

**837,616** Wireless telegraphy, H. H. C. Dunwoody, Dec. 4, 1906, motion to strike out counterclaim overruled, (D. C. E. D. N. Y.), 206 F. 295.

**837,841** Car structure, F. Jerdone, Dec. 4, 1906, awarded priority in interference, 34 App. D. C. 163.

**838,155** Method of decorating pottery, J. W. Young, Dec. 11, 1906, void, (C. C. A. 6th Cir.), 200 F. 258.

**838,303** Method of manufacturing and assembling ball bearings. R. Conrad, Dec. 11, 1906, claim 1 valid and infringed, (C. C. E. D. Pa.), 177 F. 435.

**838,394** Relief device for water systems, L. W. Eggleston, Dec. 11, 1906, claims 6, 7 and 8 valid and infringed, (C. C. A. 7th Cir.), 199 F. 147.

**838,455** Valve, R. H. Rice, Dec. 11, 1906, awarded priority in interference, 38 App. D. C. 175.

**838,767** Thill coupling, C. C. Bradley, Dec. 18, 1906, does not infringe 662,050, (C. C. A. 3rd Cir.), 202 F. 757.

**838,916** Inductive bond. Louis H. Thullen, Dec. 18, 1906, awarded priority in interference, 32 App. D. C. 575.

**839,071** Machine for heating surfaces, G. H. Lutz, Dec. 18, 1906, claims 1, 2, 3 and 5 not infringed if conceded validity, (D. C. W. D. Mo.), 197 F. 920; decree of lower court reversed, (C. C. A. 8th Cir.), 211 F. 1019.

**839,356** Process for dividing diamonds, S. Wood, Dec. 25, 1906, void, (C. C. S. D. N. Y.), 189 F. 399; void, (C. C. A. 2nd Cir.), 198 F. 403.

**839,363** Process of graining, F. M. Clapp, Dec. 25, 1906, void, (D. C. N. D. Ohio, E. D.), 211 F. 676; (C. C. A. 6th Cir.), 215 F. 902.

**839,390** Cartridge stop for magazine gun, T. C. Johnson, Dec. 25, 1906, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.

**839,655** See Reissue 12,757.

## 1907

**839,996** Apartment house with disappearing bed , Lawrence Holmes, Jan. 1, 1907, void because the subject-matter is not patentable, (C. C. A. 9th Cir.), 182 F. 324; writ of error denied May 29, 1911.

**840,224** Arch and analogous structure, Daniel B. Luten, Jan. 1, 1907, valid and infringed, Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911), not reported; valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported.

**841,253** Decreasing leakage in turbines, O. Junggren, Jan. 15. 1907, bill filed July 12, 1909, case at issue Apr. 19, 1910, (W. D. N. Y.), General Electric Co. v. City of Dunkirk, not reported.

**843,457** Planter, W. H. Holsclaw, Feb. 5, 1907, judgment below sustaining demurrer affirmed, (C. C. A. 7th Cir.), 174 F. 147.

**843,729** Crusher and pulverizer, M. F. Williams, Feb. 12, 1907, claims 1 and 2 not infringed, (C. C. E. D. Pa.), 176 F 576; claims 1 and 2 valid and infringed, (C. C. A. 3d Cir.), 185 F. 805.

**843,971** Refuse-burner, Clifton D. Stevens, Feb. 12, 1907, claims 1 and 2 void, (C. C. A. 6th Cir.), 186 F. 631.

**844,190** Paper box machine, Rowell & Little, Feb. 12, 1907, valid but not infringed, (D. C. W. D. N. Y.), 216 F. 780.

**844,504** Apparatus for regulating combustion in furnaces, Henry L. Doherty, Feb. 19, 1907, claim 3 valid and infringed, petition for rehearing denied, (C. C. D. Mass.), 190 F. 155.

**845,224** Extension bed, W. L. Edwards, Feb. 26, 1907, motion for inspection denied, (D. C. N. D. N. Y.), 197 F. 760.

**845,528** Controller for electric motors, W. Cooper et al., Feb. 26, 1907, decided July 6, 1906, in favor of , (Intf. No. 24,559). Perkins v. Cooper & Johnson.

**845,696** See Reissue 12,924.

**846,600** See Reissue 12,688.

**847,139** Means for producing aerial gymnastic performances, J. J. Williams, March 12, 1907, claims 1, 2, 4, 5, 6 and 7 void, (C. C. N. D. Ill., E. D.), 188 F. 439.

**847,415** Typewriting machine, E. G. Latta, Mar. 19, 1907, priority denied as to claim 18.

**847,637** Method of making wire glass, A. J. Baldwin, Mar. 19, 1907, void, (C. C. W. D. Pa.), 168 F. 90.

**847,811** Suspender buckle, Morris Peller, Mar. 19, 1907, claims 1, 2, 4, 5 and 6 valid and infringed, (C. C., E. D. N. Y.), 172 F. 672; valid and infringed, (C. C. A. 2d Cir.), 183 F. 120.

**847,947** Apparatus for removing dust, D. T. Kenney, March 19, 1907, decision on motion to join trustee in bankruptcy as joint defendant, The Vacuum Cleaner Co. v. American Vacuum Cleaner Co., (C. C. A. 2d Cir., March 11, 1910), not reported; validity not attacked on demurrer, The Vacuum Cleaner Co. v. Frame, (C. C. A. 2d Cir., Dec. 7, 1911), not reported; motion to vacate preliminary injunction denied, (C. C. W. D. Pa.), 189 F. 754; preliminary injunction denied, (C. C. S. D. N. Y.), 198 F. 865, 198 F. 867.

**847,948** Vacuum cleaner, D. T. Kenney, Mar. 19, 1907, preliminary injunction denied, (C. C. S. D. N. Y.), 198 F. 865, 198 F. 867.

**848,140** Steering wheel for autovehicles, W. F. Towne, Mar. 26, 1907, void, (C. C. A. 9th Cir.), 199 F. 777.

**848,301** Thin leaf or fabric, H. R. Gregory, Mar. 26, 1907, claim 2 valid and infringed, (C. C. A. 2nd Cir.), 218 F. 170.

**848,734** Package sealing device, C. B. Frost, Apr. 2, 1907, denied priority in interference, 37 App. D. C. 179.

**848,883** Package roll of metallic leaf, W. H. Coe, Apr. 2, 1907, valid and infringed, (D. C. D. R. I.), 199 F. 435; not infringed, (C. C. A. 1st Cir.), 212 F. 720.

**848,994** Electric junction and outlet box, Hoffman & Appleton, April 2, 1907, claims 1 to 4, void for lack of invention, (C. C. N. D. Ill., E. D.), 191 F. 985.

**849,824** Apparatus for making concrete blocks, J. O. Winston, Apr. 9, 1907, void, (C. C. A. 2nd Cir.), 194 F. 123.

**849,840** Elevator, C. Foster, Apr. 29, 1907, priority denied as to claims 1, 2, 3, 4, 5, 6, 8, 9, 15 and 17.

**850,077** Coaster brake for bicycles, H. P. Townsend, Apr. 9, 1907, claims 19 and 25 to 30, valid and infringed, (C. C. A. 6th Cir.), 217 F. 775.

**850,101** Drop for electric circuits, W. H. Robins, Apr. 9, 1907, valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.

**850,936** Tennis-court marker, William A. Johnson, April 23,1907, claims 2, 4 and 6 not infringed by 929,597, (C. C. D. N. J.), 190 F. 20.

**850,997** See Reissue 12,817.

**851,054** Pneumatic conveyor, E. M. Bassler, Apr. 23, 1907, valid and infringed, (D. C. N. D. Ill. E. D.), 216 F. 637.

**851,579** Facing for walls and other surfaces, Whitney & Weyand, April 23, 1907, valid on demurrer, (C. C. S. D. N. Y.), 188 F. 441.

**851,625** Pavement, W. E. Hassam, Apr. 23, 1907, valid and infringed, (D. C. D. Ore.), 215 F. 114.

**852,011** Extension-table lock, J. L. Arnold, April 30, 1907, does not infringe 675,577, (C. C. N. D. Ill., E. D.), 183 F. 593.

**852,024** Apparatus for preparing pulverulent material for molding, G. J. Mashek, Apr. 30, 1907, priority denied as to claims 1, 2, 6, 7 and 10.

**852,025** Process of preparing pulverulent materials for molding, G. J. Mashek, Apr. 30, 1907, priority denied as to claims 1, 2, 3, 4 and 5.

**852,131** Excavator, W. R. Martin, Apr. 30, 1907, priority denied as to claim 1.

**852,236** Apparatus for extraction of turpentine, M. McKenzie, Apr. 30, 1907, awarded priority in interference on reissue application, 38 App. D. C. 111.

**852,400** Line locking mechanism for typewriters, A. Schneeloch, Apr. 30, 1907, held not to infringe claims 25, 27 and 28 of 633,672 nor claims 17, 18, 19 and 20 of 559,345, (C. C. S. D. N. Y.), 177 F. 230; does not infringe claims 25, 27 and 28 of 633,672, infringes claims 17, 18 and 20 but not claim 19 of 559,345, (C. C. A. 2d Cir.), 184 F. 329.

**852,450** Store front construction, F. J. Plym, May 7, 1907, valid and infringed on motion for preliminary injunction, (D. C. N. D. Ohio, E. D.), 210 F. 459.

**852,970** Bridge of concrete or other analogous material, Daniel B. Luten, May 7, 1907, held valid and infringed in six unreported decisions, as follows: Luten v. O'Connel, (C. C. D. Mass., Apr. 24, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911); Luten v. Rhoads & Knisely, (D. C. M. D. Pa., Jan. 20, 1912); Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911); claim 46 valid and infringed, (C. C. M. D. Pa.), 194 F. 169; demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.

**852,971** Masonry and concrete structure, Daniel B. Luten, May 7, 1907, valid and infringed, Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911), not reported; valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported.

**853,183** Concrete or similar arch, Daniel B. Luten, May 7, 1907, valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported; demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151.

**853,202** Reinforced concrete arch or bridge, D. B. Luten, May 7, 1907, validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; held valid and infringed in eight decisions, as follows: Luten v. Mercantile Bridge Co., (C. C. E. D. Ill., Aug. 1, 1910); Luten v. O'Connel, (C. C. D. Mass., Apr. 24, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 28, 1911); Luten v. Alexander & Gerber, (C. C. D. Ind., June 21, 1911); Luten

v. McCullough, (D. C. N. D. Iowa, Jan. 22, 1912); Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911); Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911); demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151; bill dismissed, (D. C. M. D. Pa.), 206 F. 175; bill dismissed, (D. C. D. Mass.), 206 F. 904.

**853,203** Reinforced concrete arch or bridge, D. B. Luten, May 7, 1907, validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; held valid and infringed in eight unreported decisions, as follows: Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911); Luten v. Mercantile Bridge Co., (C. C. E. D. Ill., Aug. 1, 1910); Luten v. O'Connel, (C. C. D. Mass., April 24, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911); Luten v. Alexander & Gerber, (C. C. D. Ind., June 21, 1911); Luten v. Western Bridge Co., (C. C. W. D. Mo., Oct. 1, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. McCullough, (D. C. N. D. Iowa, Jan. 22, 1912); bill dismissed, (D. C. M. D. Pa.), 206 F. 175; bill dismissed, (D. C. D. Mass.), 206 F. 904; not infringed, (D. C. D. Kans., 2nd Div.), 217 F. 76.

**853,204** Concrete arch, D. B. Luten, May 7, 1907, demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151.

**853,206** Curtain fastener, G. W. J. Murphy, May 7, 1907, invalid, (D. C. E. D. N. Y.), 214 F. 382.

**853,522** Cable reel apparatus for mining locomotives, H. W. Shaver, May 14, 1907, denied priority in interference, 40 App. D. C. 274.

**854,215** Tire case, F. B. Hopewell, May 21, 1907, valid and infringed, (D. C. D. Mass.), 205 F. 757; void, (C. C. A. 1st Cir.), 212 F. 403.

**854,670** Dust extracting machine, F. V. Schiodt, May 21, 1907, valid and infringed, (D. C. S. D. N. Y.), 204 F. 99; not infringed, (C. C. A. 2nd Cir.), 213 F. 40.

**855,237** Belt tightening idler, G. S. Dunn, May 28, 1907, priority conceded as to claims 1, 2, 3 and 6.

**856,185** Water tube boiler, R. Sinclair et al., June 4, 1907, denied priority in interference, 34 App. D. C. 212.

**856,492** Railway car truck, J. M. Rohlfing, June 11, 1907, awarded priority in interference, 34 App. D. C. 206.

**856,801** Insulator, C. L. Peirce, Jr., June 11, 1907, claims 1 to 4 infringed, (C. C. N. D. Ill., E. D.), 189 F. 628.

**856,998** Scale, F. P. Dunn, June 11, 1907, awarded priority in interference, 34 App. D. C. 132.

**857,760** Water gas apparatus, J. M. Rusby, June 25, 1907, valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 672.

**858,070** Burial crypt, W. I. Hood, June 25, 1907, void, (D. C. N. D. Ohio, W. D.), 197 F. 936; not void on its face, (C. C. A. 6th Cir.), 213 F. 225.

**858,466** Marble-working machine, J. R. Peirce, July 2, 1907, withdrawal from bill noted, (C. C. E. D. Pa.), 189 F. 622.

**858,924** Centering for reinforced concrete work, C. A. P. Turner, July 2, 1907, no testimony taken up to March 11, 1912, (D. C. E. D. Mo., E. D.), Deslauriers et al. v. Higgins-Alkers Concrete Co. et al., not reported.

**858,930** Sifter, J. Warrington, July 2, 1907, awarded priority in interference on certain claims and denied priority on other claims, 41 App. D. C. 568.

**859,511** Concrete floor, L. H. Nolte, July 9, 1907, not void on its face, (C. C. A. 6th Cir.), 206 F. 666.

**859,686** Process of making corrugated metal fasteners, E. S. Norton, July 9, 1907, valid and infringed, (D. C. N. D. Ill. E. D.), 206 F. 478.

**860,053** Sheet piling, G. E. Nye, July 16, 1907, does not infringe claims 1 to 5 of 707,837, (C. C. A. 7th Cir.), 195 F.757.

**860,940** Safety deposit box lock, J. Roche, July 23, 1907, does not infringe 940,300, (D. C. N. D. Ill. E. D.), 212 F. 178.

**861,650** Pavement, W. E. Hassam, July 30, 1907, valid and infringed, (D. C. D. Ore.), 215 F. 114.

**861,747** Advertising device, J. T. H. Mitchell, July 30, 1907, injunction to restrain defendant from sending out circulars refused, (C. C., S. D. N. Y.), 169 F. 145; on demurrer held not void, (C. C., S. D. N. Y.), 170 F. 91.

**861,749** Advertising device, J. T. H. Mitchell, July 30, 1907, injunction to restrain defendant from sending out circulars refused, (C. C., S. D. N. Y.), 169 F. 145.

**862,277** Spring for trolleys and harps, R. E. Noble, Aug. 6,1907, valid and infringed, (No. 9, C. C. D. Ind.), Morgan Gardner Elec. Co v. Hensley et al., G. S. Noble for complt., not reported.

**862,830** Blind stitch sewing machine, J. G. Lewis, Aug. 6, 1907, valid but not infringed by 690,385, (D. C. N. D. Ill. E. D.), 208 F. 992.

**862,861** Drilling machine, J. S. Barnes, Aug. 6, 1907, void, (C. C. A. 2nd Cir.), 213 F. 636.

**862,897** Expended sheet metal, W. D. Forsyth, Aug. 13, 1907, preliminary injunction denied, (D. C. W. D. N. Y.), 197 F. 946; not infringed, (D. C. W. D. N. Y.), 214 F. 393.

**863,120** Gearing for washing machines, A. F. Victor, Aug. 13, 1907, valid and infringed by 939,645, (C. C. A. 7th Cir.), 213 F. 471.

**863,365** Sofa-bed, R. Deimel, Aug. 13, 1907, does not infringe 624,591, 637,796 or Reissue 11,831, (C. C. N. D. Ill.), 188 F. 662.

**864,518** Heat regulating device, A. B. Cruikshank, Aug. 27,1907, not entitled to priority over 883,183, (D. C. S. D. N. Y.), 198 F. 487.

**865,171** Thermostatic controller, C. A. Dunham, Sept. 3, 1907, claim 3 construed and not infringed, (D. C. D. N. J.), 206 F. 168; (C. C. A. 3rd Cir.), 216 F. 991.

**865,279** Knitted fabric, B. T. Steber, Sept. 3, 1907, valid, claims 3, 5 and 7 infringed, (D. C. N. D. N. Y.), 217 F. 796.

**865,795** Tally card, E. D. McKenna, Sept. 10, 1907, not infringed, (D. C. E. D. N. Y.), 206 F. 677.

**866,306** Switch for railroads. E. R. Robinson, Sept. 17, 1907, decree dismissing bill modified and affirmed, (C. C. A. 7th Cir.), 174 F. 40.

**866,627** Grate, Crowe & Frankenheim, Sept. 24, 1907, decree for complainant, (D. C. D. N. J.), 213 F. 864.

**867,510** Process of making fire retardent glass, C. J. Jungers, Oct. 1, 1907, held to infringe 791,217 and Reissue 12,-443, (C. C. N. D. Ill., E. D.), 178 F. 977; held to infringe Reissue 12,443, but not to infringe 791,217, (C. C. A. 7th Cir.), 185 F. 788.

**867,927** Folding miter box, W. M. Potter, Oct. 8,1907, held to not infringe 622,190, (C. C. N. D. N. Y.), 160 F. 494.

**868,299** Heating apparatus, C. H. Smith, Oct. 15, 1907, valid and infringed, (C. C. D. Minn. 4th Div.), 177 F. 239.

**870,760** Reinforced last, W. D. Baker, Nov. 12, 1907, valid and infringed, (D. C. D. N. J.), 204 F. 453; valid and infringed, (C. C. A. 3rd Cir.), 210 F. 167.

**870,981** Vacuum cleaning apparatus, F. J. Matchette et al., Nov. 12, 1907, valid and infringed, (C. C. N. D. Ill. E. D.), 181 F. 380.

**871,735** Elevator door, J. Rashkin, Nov. 19, 1907, preliminary injunction granted as against one party but denied as against another, (D. C. E. D. N. Y.), 194 F. 440.

**871,884** Trousers and belt fastener, P. C. Noetzel, Nov. 26, 1907, void, (D. C. S. D. N. Y.), 195 F. 776.

**872,795** Double walled vessel, R. Burger, Dec. 3, 1907, void, (C. C. S. D. N. Y.), 202 F. 508.

**872,892** Spare-tire holder, F. E. Bowers, Dec. 3, 1907, not void on its face on demurrer, (C. C. D. Conn.), 189 F. 81; void, (C. C. D. Conn.), 197 F. 56.

**872,895** Gas lamp, C. A. Campbell, Dec. 3, 1907, not invalidated by dedication, (C. C. S. D. N. Y.), 175 F. 115; infringed by 907,626, (C. C. S. D. N. Y.), 175 F. 117.

**872,978** Method of making molds for cast dental inlays, W. H. Taggart, Dec. 3, 1907, valid and infringed, Taggart v. Boynton, (Sup. Ct. D. C., Feb. 8, 1912), not reported; invalid, 40 App. D. C. 82.

**873,166** Transformer, L. C. Nichols, Dec. 10, 1907, does not infringe 591,869, (D. C. D. N. J.), 197 F. 558.

**873,399** Heating and ventilating system for automobiles, N. W. Williams, Dec. 10, 1907, claim 1 valid and infringed, (D. C. W. D. N. Y.), 216 F. 914.

**873,544** Automobile fender, R. W. Harroun, Dec. 10, 1907, preliminary injunction denied, (C. C. N. D. Ill., E. D.), 164 F. 195; valid and infringed, (C. C. N. D. Ill., E. D.), 203 F. 1001.

**873,669** Hydraulic swivel, Johnston & Norris, Dec. 10, 1907, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; not infringed, (C. C. A. 5th Cir.), 201 F.1021.

**873,805** Controller for electric motor, E. W. Stull, Dec. 17, 1907, does not infringe claim 6 of 554,276, (C. C. D. N. J.), 193 F. 58.

**873,908** Horn for talking machines, A. G. Soistmann, Dec. 17, 1907, claim 3 not infringed, (C. C. E. D. Pa.), 173 F. 312; not infringed, (C. C. A. 3rd Cir.), 180 F. 980.

**874,060** Adding attachment for typewriters, H. L. Fisher, Dec. 17, 1907, priority denied as to claims 13 and 16.

**874,174** Turbine, Elliott & Faber, Dec. 17, 1907, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.

**875,218** Gas burner, E. Rudd, Dec. 31, 1907, void, (D. C. S. D. N. Y.), 200 F. 440; (C. C. A. 2nd Cir.), 205 F. 372.

## 1908

**876,058** Railway motor velocipede, W. S. Hovey, Jan. 7, 1908, claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 valid but not infringed by 914,845, (C. C. N. D. Ill. E. D.), 177 F. 713; claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 void, (C. C. A. 7th Cir.), 187 F. 847.

**876,087**. Stone-cutting machine, J. R. Pierce, Jan. 7, 1908, claims 1 to 4 void, (C. C. E. D. Pa.), 189 F. 622.

**876,933** Bifocal lens, John L. Borsch, Jr., Jan. 21, 1908, order enjoining complainant from bringing other suits reversed, (C. C. A. 8th Cir.), 190 F. 767; valid and infringed, (D. C. W. D. Mo. W. D.), 207 F. 85; valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 214 F. 983; valid and infringed, (C. C. A. 8th Cir.), 214 F. 368.

**876,991** Hoisting pulley, H. A. Myers, Jan. 21, 1908, decree of lower court dismissing bill affirmed, (C. C. A. 7th Cir.), 215 F. 594.

**877,035** See Reissue 12,855.

**877,588** Sheet piling, G. E. Nye, Jan. 28, 1908, does not infringe claims 1 to 5 of 707,837, (C. C. A. 7th Cir.), 195 F.757.

**878,081** Vehicle-spring, C. A. Meredith, Feb. 4, 1908, not infringed, (C. C. A. 8th Cir.), 183 F. 124.

**878,305** Dynamo for electric car lighting, McGary & Jepson, Feb. 4, 1908, decree (189 F. 382) modified and affirmed, (C. C. A. 2nd Cir.), 194 F. 866.

**878,995** Apparatus for inverting tubular fabrics, William B. Palmer, Feb. 11, 1908, claims 1, 2, 3, 5, 6, 7 and 8 not infringed, (C. C. N. D. N. Y.), 186 F. 496; claim 1 infringed, claims 7 and 8 not infringed by 960,227, (C. C. A. 2nd Cir.), 192 F. 42; motion for preliminary injunction denied, (D. C. N. D. N. Y.), 203 F. 1003; order denying preliminary injunction reversed, (C. C. A. 2nd Cir.), 210 F. 452.

**880,020** Vault lining, J. L. Grass, Feb. 25, 1908, not infringed, C. C. D. Minn., 4th Div.), 181 F. 350; not infringed, (C. C. A. 8th Cir.), 209 F. 845.

**880,707** Composition for making duplicate phonograph records, J. W. Aylsworth, Mar. 3, 1908, preliminary injunction granted, (C. C. W. D. Mich., S. D.), 188 F. 925.

**881,411** Tire case, A. H. Kinder, May 10, 1908, valid and infringed, (D. C. D. Mass.), 205 F. 757; void, (C. C. A. 1st Cir.), 212 F. 403.

**883,183** Heat regulating device, Elliott & Stanton, Mar. 31, 1908, entitled to priority over 864,518, also valid and infringed, (D. C. S. D. N. Y.), 198 F. 487.

**883,552** Clutch mechanism for automobiles, C. R. Mabley et al., Mar. 31, 1908, claims 1, 2, 4, 5, 6, 7, 8, 11, 12 and 13 not infringed, (C. C. S. D. N. Y.), 177 F. 693; affirmed, (C. C. A. 2d Cir.), 185 F. 518.

**883,973** Lamp bracket, E. M. Rosenbluth, Apr. 7, 1908, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; not infringed, (D. C. S. D. N. Y.), 201 F. 930; claims 7, 8 and 10 not infringed, (C. C. A. 3rd Cir.), 208 F. 564.

**884,335** Envelope machine, T. W. Kienast, Apr. 7, 1908, does not infringe 893,105, (C. C. S. D. N. Y., Nov. 1913), not reported.

**884,347** Typewriting machine, C. E. Yetman, Apr. 7, 1908, priority denied as to claims 48 and 53.

**884,567** Double walled vessel, Reinhold Burger, April 14, 1908, claims 1 and 2 not infringed, (C. C., S. D. N. Y.), 171 F. 670; not infringed, (C. C. A. 2nd Cir.), 178 F. 552.

**884,979** Jewel bar, H. W. Fishel, Apr. 14, 1908, infringed, (C. C. A. 2nd Cir.), 204 F. 790.

**885,181** Automobile buffer, J. H. Sager, Apr. 21, 1908, void, (C. C. A. 2nd Cir.), 203 F. 996.

**886,490** Garment form, H. Frankel, May 5, 1908, not infringed, (C. C. A. 2nd Cir.), 218 F. 641.

**886,541** Rail for railroads, E. R. Robinson, May 5, 1908, decree dismissing bill modified and affirmed, (C. C. A. 7th Cir.), 174 F. 40.

**886,580** Poultry feeder and exerciser, W. M. Conner, May 5, 1908, claims 1, 7 and 16 valid and infringed, (D. C. S. D. N. Y.), 217 F. 72.

**887,838** Machine for making closures for bottles and the like, W. Painter, May 19, 1908, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; claims 2 and 6 valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; not infringed, (C. C. A. 2nd Cir.), 211 F. 650.

**887,883** Apparatus for the manufacture of bottle-closures, W. H. Wheeler, May 19, 1908, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; claims 1, 4, 7, 23 and 27 valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; valid and infringed, (C. C. A. 2nd Cir.), 211 F. 650; claims 1, 4, 6, 7, 23, 24, 25, 26 and 27 not infringed, (D. C. D. Del.), 217 F. 891.

**887,995** Process of putting metal facing on wood, A. Beryle, May 19, 1908, valid and infringed, (C. C. N. D. Cal.), 181 F. 692; valid and infringed, (C. C. A. 9th Cir.), 195 F. 516.

**888,984** Apparatus for rifling pipes or tubes, C. Fell, May 26, 1908, valid and infringed, (C. C. A. 6th Cir.), 216 F. 507.

**889,094** Code message, M. Berardini, May 26, 1908, void, (C. C. S. D. N. Y.), 190 F. 329; (C. C. A. 2nd Cir.), 200 F. 1021.

**889,095** Code message, M. Berardini, May 26, 1908, not infringed, (C. C. S. D. N. Y.), 190 F. 329; 200 F. 1021.

**889,857** Electric furnace, A. J. Petersson, June 2, 1908, priority denied as to claims 1 and 6.

**890,555** Radiator return-trap, Canfield & Van Auken, June 9, 1908, not infringed by 959,297, (C. C. N. D. Ill., E. D.), 187 F. 141.

**890,582** Sewing machine, R. G. Woodward, June 9, 1908, not infringed, (D. C. D. N. J.), 215 F. 598.

**890,968** Process of treating wounds in trees, J., M. L., and J. A. Davey, June 16, 1908, claims 3 to 7 valid and infringed, (D. C. D. N. J.), 197 F. 178.

**892,394** Fruit-paring machine, William H. Boutell, July 7, 1908, claims 8 to 12 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.

**892,461** Mailing-folder, R. G. Stevens, July 7, 1908, infringes claims 1 and 7 of Reissue 12,675, (C. C. N. D. Ill., E. D.), 183 F. 782.

**892,668** Wall bed, C. R. Jordan, July 7, 1908, not infringed, (D. C. N. D. Cal., Feb. 7, 1912), Marshall & Stearns Co. et al. v. Murphy et al., not reported; not infringed by 1,007,596, (C. C. A. 9th Cir.), 199 F. 772.

**892,999** Liners for centrifugal bowls for separating cream from milk, F. Ljungstrom, July 14, 1908, claims 4, 5, 6, 7 and 8 void, (C. C. A. 8th Cir.), 194 F. 423.

**893,087** Saw guard, John Murray, July 14, 1908, claim 3 void, claims 1, 2 and 4, not infringed, (C. C. W. D. Washington, N. D.), 181 F. 843.

**893,105** Envelope machine, W. D. Slater, July 14, 1908, not infringed by 884,335, (C. C. S. D. N. Y., Nov. 1913), not reported.

**893,182** Adding machine, C. O. Mapel, July 14, 1908, priority denied as to claims 10, 11, 12, 13, 14, 16, 18, 19 and 20.

**893,253** Process for recovering spirits from used casks, L.Lange, July 14, 1908, not void on its face, (C. C. A. 7th Cir.), 177 F. 219

**893,853** Vacuum cleaner, Dunn & Locke, July 21, 1908, valid and infringed, (D. C. S. D. N. Y.), 202 F. 967; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 219; application to recall mandate granted, (C. C. A. 2nd Cir.), 218 F. 991.

**894,170** Telephone repeater system, N. G. Warth, July 21, 1908, priority denied as to claims 1, 2, 3, 4, 5, 6, 12, 16, 19, 20, 22 and 23.

**894,487** Voltaic or primary battery, E. G. Dodge, July 28, 1908, valid and infringed, (D. C. S. D. N. Y.), 198 F. 495; (C. C. A. 2nd Cir.), 202 F. 223.

**894,733** Shoe and process of making the same, W. R. Green, July 28, 1908, valid and infringed, (D. C. N. D. N. Y.), 205 F. 745; claims 1, 6 and 11 invalid, claims 2, 3, 4, 5, 8, 9 and 10 valid and infringed, (C. C. A. 2nd Cir.), 210 F. 164.

**895,400** Motor control system, C. D. Gilpin, Aug. 4, 1908, awarded priority in interference, 39 App. D. C. 428.

**895,781** Water-cooler, J. Newell, Aug. 11, 1908, claims 12, 13, 14 and 15 valid and infringed, (D. C. D. Mass.), 199 F. 440; supplemental bill dismissed, (D. C. D. Mass.), 207 F. 769.

**895,782** Water-cooler, J. Newell, Aug. 11, 1908, claims 1, 3 and 7 valid and infringed, (D. C. D. Mass.), 199 F. 440; supplemental bill dismissed, (D. C. D. Mass.), 207 F. 769.

**896,059** Record for talking machines, E. R. Johnson, Aug. 11, 1908, claims 2, 3, 4, 8, 14 and 23 valid and infringed, (C. C. S. D. N. Y.), 189 F. 359.

**896,365** Gas washing apparatus, A. Ernst, Aug. 18, 1908, order granting preliminary injunction modified, (C. C. A. 3rd Cir.), 208 F. 990; valid and infringed, (D. C. W. D. Pa.), 212 F. 434.

**897,513** Toaster, C. Andrews, Sept. 1, 1908, valid and infringed, (D. C. W. D. Pa.), 199 F. 798.

**898,237** Radiator for automobiles, Long & Wright, Sept. 8, 1908, claims 1, 2 and 3 valid, claims 1 and 2 infringed, claim 3 not infringed, (C. C. W. D. N. Y.), 192 F. 566.

**898,907** Vehicle tire, T. J. Mell, Sept. 15, 1908, void, (C. C. A. 2nd Cir.), 197 F. 549; void, (C. C. A. 7th Cir.), 212 F. 170.

**899,196** Sanitary protector, A. M. Aiken, Sept. 22, 1908, not infringed, (C. C. A. 7th Cir.), 211 F. 338.

**899,224** Hydraulic elevator, T. Larsson, Sept. 22, 1908, not infringed, (C. C. A. 2nd Cir.), 200 F. 766.

**899,439** Ribbed knitted web, R. W. Scott, Sept. 22, 1908, claims 2 and 4 valid and infringed, (C. C. N. D. N. Y.), 190 F. 47; claims 2 and 4 valid and infringed, (C. C. A. 2nd Cir.), 194 F. 99.

**899,468** Auto spring repairer, W. R. Petze, Sept. 22, 1908, void, (C. C. S. D. N. Y.), 196 F. 52.

**900,062** Process of gas washing, A. Ernst, Sept. 29, 1908, order granting preliminary injunction modified, (C. C. A. 3rd Cir.), 208 F. 990; valid and infringed, (D. C. W. D. Pa.), 212 F. 434.

**900,541** Dental appliance, E. E. Holmes, Oct. 6, 1908, valid and infringed by 984,796, (D. C. N. D. Ill. E. D.), 206 F. 66.

**901,222** Valve, E. V. Anderson, Oct. 13, 1908, motion for preliminary injunction granted, (C. C. W. D. Pa.),177 F.723.

**903,007** Water heater, E. Rudd, Nov. 3, 1908, valid and infringed as to claims 3, 5 and 6, not infringed as to claim 10, (D. C. S. D. N. Y.), 200 F. 426; (C. C. A. 2nd Cir.), 205 F. 375.

**903,973** Device for testing plumbing and pipes, G. W. Heiland, Nov. 17, 1908, claim 2 void, anticipated by 382,172, (C. C. D. N. J.), 189 F. 630.

**904,317** Machine for folding and pressing blanks for collars and cuffs, G. J. Dormandy, Nov. 17, 1908, valid and infringed as to claims 10 and 15 on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.

**904,370** Disk insulator, L. Steinberger, Nov. 17, 1908, denied priority, (D. C. E. D. N. Y.), 208 F. 699; (C. C. A. 2nd Cir.), 214 F. 781.

**906,099** Pipe coupling, W. S. Burgess, Dec. 8, 1908, void, (C. C. N. D. Ill., E. D.), 194 F. 165; (C. C. A. 7th Cir.), 203 F. 484.

**906,498** Shunt or electrical resistance, Edward Weston, Dec. 8, 1908, motion for preliminary injunction granted, (C. C., E. D. Pa.), 169 F. 659.

**907,407** See Reissue 12,933.

**907,626** Gas lamp, J. Miller, Dec. 22, 1908, held to infringe 872,-895, (C. C. S. D. N. Y.), 175 F. 117.

**907,748** Chewing gum, J. D. Darling, Dec. 29, 1908, preliminary injunction granted, (D. C. E. D. Pa.), 210 F. 456.

**908,236** Gas burner, R. C. Frampton, Dec. 29, 1908, infringes 761,409, (C. C. A. 2nd Cir.), 205 F. 372.

## 1909

**908,681** Flax felt, J. E. Lappen, Jan. 5, 1909, preliminary injunction granted, (D. C. D. Minn., 1st Div.), 199 F. 793.

**908,818** Punching press, G. P. Thomas, Jan. 5, 1909, does not infringe 701,544, (D. C. W. D. Pa.), 204 F. 93.

**908,861** Apparatus for disintegrating ores and other materials, H. W. Hardinge, Jan. 5, 1909, motion by defendants to require complainants to take further proofs on its prima facie case, or that the bill be dismissed, (C. C. S. D. N. Y.), 182 F. 848; claim 5 valid and infringed, (C. C. A. 2nd Cir.), 195 F. 936.

**908,910** Dress form, C. A. Ufford, Jan. 5, 1909, claims 3 and 4 not infringed, (C. C. A. 2nd Cir.), 213 F. 341.

**909,847** Graining compound, F. M. Clapp, Jan. 12, 1909, void, (D. C. N. D. Ohio, E. D.), 211 F. 676; (C. C. A. 6th Cir.), 215 F. 902.

**910,865** Poultry car, W. M. Ryan et al., Jan. 26, 1909, held to infringe 539,299, (C. C. N. D. Ill. N. D.), 182 F. 841.

**912,511** Air brake valve, W. V. Turner, Feb. 16, 1909, valid and infringed, (D. C. D. N. J.), 195 F. 282.

**912,512** Air brake valve, W. V. Turner and J. S. Custer, Feb. 16, 1909, claims 13, 15 and 16 void, (D. C. D. N. J.), 195 F. 282.

**912,526** Can, J. U. Barr, Feb. 16, 1909, valid and infringed, (at law, C. C. S. D. N. Y.), Handy Pail Co. v. Stein & Feigen, for plaintiff F. Warren Wright, for dft. Munn & Co., not reported.

**912,802** Water softening apparatus, W. M. Bruce, Feb. 16, 1909, bill of complaint dismissed, (No. 7318, D. C. D. Ind.), Kennicott Co. v. Holt Ice & Cold Storage Co., not reported.

**914,303** Dividing marble slabs, J. R. Pierce, March 2,1909, claims 1 to 3 void, (C. C. E. D. Pa.), 189 F. 622.

**914,845** Velocipede, M. L. Jenkins, Mar. 9, 1909, held not to infringe claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 of 876,058, (C. C. N. D. Ill. E. D.), 177 F. 713.

**915,063** Battery plate, C. W. Bender, Mar. 16, 1909, priority denied as to claims 1, 2, 3 and 4.

**915,205** Metal car roof, P. H. Murphy, Mar. 16, 1909, void, 38 App. D. C. 582.

**916,361** See Reissue 13,163.

**916,812** Incandescent electric lamp socket, A. & J. Weber, Mar. 30, 1909, claims 1, 2, 3, 8, 13 and 14 valid and infringed, (D. C. S. D. N. Y.), 204 F. 79; claim 2 void, claims 1, 3, 8, 13 and 14 valid and infringed, (C. C. A. 2nd Cir.), 212 F. 950.

**916,981** Parallel operation of rotary converters and storage batteries, E. J. Berg, Apr. 6, 1909, awarded priority in interference, 40 App. D. C. 577.

**917,185** Apparatus for purifying air, W. E. Taylor, Apr. 6, 1909, plea of defendant overruled, (C. C. D. Mass.), 180 F. 115; void, (C. C. D. Mass.), 186 F. 846; not invalid on account of public use or sale, (C. C. A. 1st Cir.), 195 F. 498.

**917,541** Electric railway switch, R. V. Cheatham, Apr. 6, 1909, charge of court held not erroneous, (C. C. A. 2nd Cir.), 194 F. 963; valid and infringed, (D. C. E. D. N. Y.), 203 F. 285; decree affirmed, (C. C. A. 2nd Cir.), 209 F. 229.

**918,049** See Reissue 13,421.

**918,306** Method of wireless signaling, R. A. Fessenden, Apr. 13, 1909, claims 1 and 3 valid and infringed, (C. C. A. 3rd Cir.), 208 F. 679; order granting preliminary injunction affirmed, (C. C. A. 3rd Cir.), 215 F. 104.

**918,307** Apparatus for wireless signaling, R. A. Fessenden, Apr. 13, 1909, claims 1, 2, 3 and 4 valid and infringed, (C. C. A. 3rd Cir.), 208 F. 679.

**919,369** Vacuum cleaner, Dunn and Locke, Apr. 27, 1909, valid and infringed, (D. C. S. D. N. Y.), 202 F. 967; infringed except as to claims 2, 3, 4 and 5, (C. C. A. 2nd Cir.), 209 F. 219; application to recall mandate granted, (C. C. A. 2nd Cir.), 218 F. 991.

**920,107** Apparatus for drawing glass articles from a mass of molten glass, R. H. Bolin, May 4, 1909, denied priority in interference, 39 App. D. C. 134.

**920,490** Panel board for electrical power distribution, A. C. McWilliams, May 4, 1909, patent sustained and injunction granted as to claims 1, 5, 6, 9 and 10, (No. 30,617, D. C. N. D. Ill. E. D.), A. C. McWilliams v. Beachey & Lawlor, not reported.

**921,494** See Reissue 13,125.

**921,632** Portable pneumatic pumping apparatus, J. W. Smith, May 11, 1909, motion to strike off plea sustained, (C. C. E. D. Pa.), 173 F. 318.

**921,728** Cutter chain, R. E. Noble, May 19, 1909, valid and infringed, (No.9, W. D. Pa.), Morgan Gardner Elec. Co. v. Brarburn Steel Co., G. S. Noble for complt., not reported.

**921,837** Ice cream freezer, Hoefler & Schantz, May 18, 1909, valid and infringed, (D. C. W. D. N. Y.), 216 F. 192.

**922,144** Warping machine, N. A. Hover, May 18, 1909, claims 1, 8 and 9 void, claims 2 and 3 not infringed, (C. C. D. N. J.), 193 F. 73.

**923,048** Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146.

**923,049** Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146.

**923,058** Bridge or arch of concrete or other analogous materials, D. B. Luten, May 25, 1909, not invalid on its face on demurrer, (C. C. D. N. J.), 189 F. 405; valid and infringed, Luten v. O'Connel, (C. C. D. Mass., April 24, 1911), not reported; valid and infringed, Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911), not reported.

**923,122** Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146.

**923,235** Bedstead, G. Adams, June 1, 1909, void, (D. C. N. D. Ill. E. D.), 216 F. 626.

**923,501** Bottle labeling machine, E. Ermold, June 1, 1909, does not infringe 705,832; 937,403 or 941,178, (C. C. A. 1st Cir.), 214 F. 354.

**923,534** Neckwear, W. A. Keys, June 1, 1909, claims 2, 3 and 7 void, claim 1 valid and infringed, (D. C. S. D. N. Y.), 205 F. 921.

**923,966** Feed crusher, J. L. Gibson, June 8, 1909, not infringed by 798,255, (D. C. N. D. Ill., E. D.), 195 F. 772; (C. C. A. 7th Cir.), 201 F. 100.

**924,151** Machine for folding and pressing blanks for collars and cuffs, G. J. Dormandy, June 8, 1909, valid and infringed as to claims 7, 24, 40, 43 and 49 on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F.536.

**924,546** Turbine, W. L. R. Emmett, June 8, 1909, bill filed July 12, 1909, case at issue Apr. 19, 1910, (W. D. N. Y.), General Electric Co. v. City of Dunkirk, not reported; valid and infringed, (C. C. A. 2nd Cir.), 211 F. 657; valid and infringed, (D. C. W. D. N. Y.), 211 F. 658.

**924,722** Dry-room hanger, W. Bartholomew, June 15, 1909, void, not infringed if valid, (D. C. E. D. Pa.), 217 F. 787.

**924,840** Pipe coupling, C. R. Schmidt, June 15, 1909, bill dismissed, (D. C. D. N. J.), 218 F. 466.

**925,146** Sweater, S. Weinschenk, June 15, 1909, valid and infringed, (C. C. A. 2nd Cir.), 206 F. 902.

925,393 Rib-knitting machine, R. W. Scott, June 15, 1909, claims 1 and 4 valid and infringed, (C. C. N. D. N. Y.), 190 F. 47; claims 1 and 4 not infringed if conceded validity, (C. C. A. 2nd Cir.), 194 F. 99.

926,011 Nipple for nursing-bottles, Thomas W. Miller, June 22, 1909, void, (C. C. N. D. Ohio, E. D.), 191 F. 982; claim 1 valid and infringed, (C. C. A. 6th Cir.), 202 F. 927.

926,055 Hydraulic nozzle, William A. Doble, June 22, 1909, valid and infringed, (C. C. N. D. Cal.), 186 F. 526.

927,581 Tally card, E. D. McKenna, July 13, 1909, not infringed, (D. C. E. D. N. Y.), 206 F. 677.

928,199 Clothes-pressing machine, A. J. Hoffman, July 13, 1909, infringed by one machine and not by another, (C. C. A. 6th Cir.), 202 F. 923.

928,371 Wireless signalling, R. A. Fessenden, July 20, 1909, claims 1, 2, 3, 5 and 6 void, (C. C. A. 3rd Cir.), 208 F. 679.

929,487 Loud-speaking telephone, V. Poulsen, July 27, 1909, priority denied as to claim 1.

929,597 Tennis-court marker, A. Johnson, July 27, 1909, does not infringe claims 2, 4 or 6 of 850,936, (C. C. D. N. J.), 190 F. 20.

930,107 Locomotive toy, J. C. Turner, Aug. 3, 1909, void, (C. C. A. 6th Cir.), 217 F. 760.

930,633 Locomotive toy, J. C. Turner, Aug. 10, 1909, void, (C. C. A. 6th Cir.), 217 F. 760.

931,331 Telephone key, J. L. McQuarrie, Aug. 17, 1909, priority denied as to claim 3.

932,488 Device for casting steel teeth, W. F. Meyers, Aug. 31, 1909, motion for preliminary injunction denied, (C. C. E. D. N. Y.), 179 F. 860; preliminary injunction vacated, (C. C. E. D. N. Y.), 186 F. 347.

933,020 Safety-razor, O. A. Clark, Aug. 31, 1909, infringes claims 2, 7, 9 to 11, 17 to 20, 23, 26 and 29 of 775,134, (C. C. D. N. J.), 187 F. 149.

933,771 Concrete bridge, D. B. Luten, Sept. 14, 1909, valid and infringed, Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911), not reported; demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.

**933,982** Composition of matter for molds, R. Herbst, Sept. 14, 1909, motion to punish for contempt denied, (C. C. E. D. N. Y.), 178 F. 103.

**934,411** Wall, D. B. Luten, Sept. 14, 1909, not invalid on its face on demurrer, (C. C. D. N. J.), 189 F. 405.

**934,442** Grinding apparatus, H. K. Hitchcock, Sept. 21, 1909, claims 11, 12 and 13 not infringed, (D. C. W. D. Pa.), 216 F. 766.

**934,612** Grinding apparatus, H. K. Hitchcock, Sept. 21, 1909, claims 2 and 3 not infringed, (D. C. W. D. Pa.), 216 F. 766.

**935,929** Passenger car, H. Rowntree, Oct. 5, 1909, claims 3 to 6 inclusive void, claims 7 to 16 inclusive not infringed, (D. C. S. D. N. Y.), 214 F. 402; (C. C. A. 2nd Cir.), 214 F. 576.

**936,207** Telephone transmitter, C. D. Babcock, Oct. 5, 1909, priority denied as to claims 8 and 9.

**937,403** Bottle labeling machine, F. O. Woodland, Oct. 19, 1909, not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.

**937,550** Screen for showing motion pictures, F. J. Rembusch, Oct. 19, 1909, valid and infringed, (D. C. E. D. Pa.), 214 F. 257.

**937,757** Air pump for blow-torches, O. Bernz, Oct. 26, 1909, claim 2 void, (D. C. D. N. J.), 205 F. 49; (C. C. A. 3rd Cir.), 211 F. 973.

**939,062** Lamp reflector, O. A. Mygatt, Nov. 2, 1909, valid and infringed, (C. C. A. 2nd Cir.), 218 F. 827.

**939,645** Gearing for washing machines, A. Van Wormer, Nov. 9, 1909, infringes 863,120, (C. C. A. 7th Cir.), 213 F.471.

**939,775** Pulverizer, M. J. Williams, Nov. 9, 1909, not invalid on its face, (D. C. W. D. N. Y.), 200 F. 441.

**940,300** Safety deposit box lock, B. Borland, Nov. 16, 1909, not infringed by 860,940, (D. C. N. D. Ill. E. D.), 212 F. 178.

**940,639** Incandescent mantle, Otto Kaufmann, Nov. 16, 1909, six unreported suits pending, as follows: Block Light Co. v. Alter, (D. C. N. D. Ill., E. D.); same v. Capital Gas Mantle Co., (D. C. S. D. Iowa, C. D.); same v. Peer-

less Light Co., (D. C. N. D. Ill., E. D.); same v. Goldberger and Swartz, (D. C. N. D. Ill., E. D.); same v. Allen-Sparks Gas Light Co., (D. C. E. D. Mich., S. D.); same v. Aurora Mantle & Lamp Co., (D. C. N. D. Ill., E. D.).

**940,853** Wallet, J. R. Cardwell, Nov. 23, 1909, claim 1 not infringed if conceded validity, (C. C. A. 2nd Cir.), 201 F. 525.

**940,925** Water gas apparatus, S. J. Dickey, Nov. 23, 1909, void, (D. C. N. D. Ohio, E. D.), 211 F. 672.

**941,178** Bottle labeling machine, F. O. Woodland, Nov. 23, 1909, not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.

**942,932** Vegetable paring machine, H. Robinson, Dec. 14, 1909, claim 18 valid and infringed, (D. C. E. D. Pa.), 216 F. 179; awarded priority in interference, 41 App. D. C. 560.

**944,053** Machine for making bottle blanks, W. E. Savage, Dec. 21, 1909, priority denied as to claims 2, 3, 4, 6, 7 and 8.

**944,176** Wearing apparel, C. C. Collins, Dec. 21, 1909, motion for preliminary injunction denied, (C. C. S. D. N. Y.), 180 F. 775.

**944,338** Relief valve for steam radiators, F. W. Leuthesser, Dec. 28, 1909, does not infringe 952,414, (C. C. A. 7th Cir.), 208 F. 559.

**944,543** Means for forming concrete ceilings and supporting columns, P. A. & L. P. Deslauriers, Dec. 28, 1909, no testimony taken up to March 11, 1912, (D. C. E. D. Mo., E. D.), Deslauriers et al. v. Higgins-Alkers Concrete Co. et al., not reported.

**944,978** Mechanical movement, F. L. Temple, Dec. 28, 1909, priority denied as to claim 8.

## 1910.

**945,492** Projectile, C. Davis, Jan. 4, 1910, valid and infringed, (D. C. E. D. Pa.), 216 F. 755.

**945,788** Caramel holder, S. B. Lafean, Jan. 11, 1910, valid and infringed, (D. C. M. D. Pa.), 201 F. 363; 201 F. 367; void, (C. C. A. 3rd Cir.), 209 F. 619.

**946,099** Car bolster, E. H. Benners, Jan. 11, 1910, denied priority in interference, 39 App. D. C. 553.

**947,546** Settee hammock, H. L. Hohlfeld, Jan. 25, 1910, claim 23 valid and infringed, (D. C. E. D. Pa.), 216 F. 183.

**947,635** Manufacture of chewing gum, J. D. Darling, Jan. 25, 1910, preliminiary injunction granted, (D. C. E. D. Pa.), 210 F. 456.

**948,773** Gas iron, Spahr & Stichler, Feb. 8, 1910, claims 2 and 7 valid and infringed, (D. C. S. D. N. Y.), 197 F. 948.

**949,052** Wire garment stay, H. W. Barcley, Feb. 15, 1910, denied priority in interference, 41 App. D. C. 250.

**949,293** Machine for stuffing horse collars, Collett & Rennie, Feb. 15, 1910, claims 1, 2, 3 and 5 valid and infringed, (C. C. A. 6th Cir.), 203 F. 41.

**949,349** Acetylene gas generator lamp, J. Bleser, Feb. 15, 1910, infringes 656,874, claim 1, but not claims 2, 3, 4, 5, 6 and 10, (C. C. A. 7th Cir.), 199 F. 133.

**950,259** Bottle labeling machine, E. Ermold, Feb. 22, 1910, does not infringe 705,832; 937,403 or 941,178, (C. C. A. 1st Cir.), 214 F. 354.

**950,402** Gearing device for washing machines, W. F. Phillips, Feb. 22, 1910, valid and claims 5 to 8 infringed, (D. C. S. D. Iowa, C. D.), 209 F. 621.

**952,161** Wire rope, G. S. Whyte, Mar. 15, 1910, valid and infringed, (C. C. A. 2nd Cir.), 211 F. 976.

**952,414** Relief valve for steam radiators, W. W. Brissenden, Mar. 15, 1910, not infringed by 944,338, (C. C. A. 7th Cir.), 208 F. 559.

**954,331** Spring seat, F. O'Brien, Apr. 5, 1910, does not infringe 692,535, (D. C. E. D. Mich.), 195 F. 774; infringes 692,535, (C. C. A. 6th Cir.), 206 F. 465.

**956,540** Machine for making corrugated metal fasteners, E. S. Norton, May 3, 1910, valid and infringed, (D. C. N. D. Ill. E. D.), 206 F. 478.

**959,100** Wireless telegraphy, G. Von Arco, May 24, 1910, priority denied as to claim 1.

**959,297** Steam, air and water trap valve, J. E. Boegen, May 24, 1910, does not infringe claims 1 to 4 of 828,153, (C. C. N. D. Ill., E. D.), 187 F. 141.

**960,020** Voting machine, G. Johnson, May 31, 1910, claim 3 invalid, (D. C. D. Mass.), 212 F. 439.

**960,227** Pipe loading machine, C. Jordan, May 31, 1910, infringes claim 1 but not claims 7 and 8 of 878,995, (C. C. A. 2d Cir.), 192 F. 42.

**960,348** Box-making machine, E. W. Labombarde, June 7, 1910, claims 1, 7 and 8 valid and infringed, claims 9, 10 and 11 valid but not infringed, (C. C. D. Md.), 190 F. 184; void, not infringed if conceded validity, (C. C. A. 4th Cir.), 197 F. 739.

**961,504** Gas lamp shade, T. J. Litle, June 14, 1910, valid and infringed, (C. C. W. D. Pa.), 193 F. 999.

**961,897** Mail box, A. Rosenberg and E. E. Clark, June 21, 1910, on motion for preliminary injunction held infringed, (C. C. W. D. N. Y.), 192 F. 126.

**962,220** Number plate support for vehicles, W. B. Hughes, June 21, 1910, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; claims 5 and 6 void, (C. C. A. 3rd Cir.), 208 F. 564.

**963,235** Neck-scarf or muffler, J. S. Mead, July 5, 1910, claim 1 valid and infringed, (C. C. E. D. Pa.), Phoenix v. Hygienic Co., not reported; claim 1 void, claims 2 and 3 not infringed, (C. C. N. D. Ohio, E. D., Nov. 28, 1911), Phoenix v. Rich & Co., not reported; valid and infringed, (C. C. E. D. Pa.), 194 F. 717; void, (C. C. N. D. Ohio, E. D.), 194 F. 721; valid and infringed, (C. C. A. 3rd Cir.), 195 F. 763.

**963,905** Plunger hydraulic elevator, T. Larsson, July 12, 1910, motion for preliminary injunction denied, (D. C. S. D. N. Y.), 196 F. 47; order affirmed, (C. C. A. 2nd Cir.), 200 F. 770; not infringed, (C. C. A. 2nd Cir.), 212 F. 941.

**966,765** Cake mixing machine, H. Read, Aug. 9, 1910, claims 6 and 10 valid and infringed, (D. C. S. D. N. Y.), 212 F. 951; (C. C. A. 2nd Cir.), 218 F. 989.

**967,578** Installation for electric welding, H. L. J. Siemund, Aug. 16, 1910, claim 2 void, (D. C. E. D. N. Y.), 206 F. 283.

**967,579** Process of electric welding, H. L. J. Siemund, Aug. 16, 1910, claims 1, 2 and 5 void, (D. C. E. D. N. Y.), 206 F. 283; (C. C. A. 2nd Cir.), 212 F. 410.

**967,775** Pyrophoric alloy, A. Huber, Aug. 16, 1910, infringes 837,017, (D. C. S. D. N. Y.), 214 F. 410.

**969,198** Fountain pen, W. W. Sanford, Sept. 6, 1910, does not infringe claims 1 and 2 of 764,227, (D. C. D. Mass.), 212 F. 187.

**969,660** Flexible metal tubing or shaft, Schmidt & Grundmann, Sept. 6, 1910, motion that complaint be made more definite and certain sustained and motion for examination of plaintiff denied, (D. C. E. D. N. Y.), 199 F. 191; claims 1, 3 and 4 void as changed by disclaimer, (D. C. E. D. N. Y.), 201 F. 543; void, (C. C. A. 2nd Cir.), 209 F. 225.

**969,752** Deflector for furnaces, M. Green, Sept. 6, 1910, priority denied as to claim 1.

**970,539** Can-cap hemmer, Odquist & Lyche, Sept. 20, 1910, infringes claims 46 and 58 of 1,009,474, (D. C. D. Me.), 207 F. 363.

**970,656** Transom adjusting device, F. F. Smith, Sept. 20, 1910, valid and infringed, (D. C. S. D. N. Y.), 216 F. 361; (C. C. A. 2nd Cir.), 216 F. 359.

**972,751** Chain grate, E. C. Clark, Oct. 11, 1910, held not to infringe claims 1 and 2 of 668,495, (D. C. D. N. J.), 206 F. 164.

**972,916** Machine for folding and pressing blanks for collars and cuffs, G. Reece, Oct. 18, 1910, claim 4 valid and infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.

**972,937** Buckle, G. P. Spangler, Oct. 18, 1910, valid and infringed by 1,034,681, (C. C. A. 9th Cir.), 217 F. 394.

**973,902** Cleat to secure prepared roofing, W. H. Woerheide, Oct. 25, 1910, valid and infringed, (D. C. S. D. N. Y.), 215 F. 604.

**974,789** Ozonizer, D. S. Henney, Nov. 8, 1910, the finding of a jury that claim 3 was valid and infringed, held sustained by the evidence, (D. C. S. D. N. Y.), 200 F. 960; affirmed, (C. C. A. 2nd Cir.), 207 F. 78.

975,769 Process of making mantles for incandescent gas-lamps, Otto Kaufman, Nov. 15, 1910, two unreported suits pending, as follows: Block Light Co. v. Capital Gas Mantle Co., (D. C. S. D. Iowa, C. D.); same v. Goldberger & Swartz, (D. C. N. D. Ill., E. D.).

975,935 Arc lamp globe, T. L. Carbone, Nov. 15, 1910, claims 1 and 3 valid but not infringed, (D. C. N. D. N. Y.), 198 F. 100; (C. C. A. 2nd Cir.), 202 F. 215.

979,776 Concrete structure, D. B. Luten, Dec. 27, 1910, demurrer to bill overruled, (D. C. D. Kan. 2nd Div.), 200 F. 151.

979,965 Mausoleum, M. L. Knight, Dec. 27, 1910, void, (D. C. D. Md.), 203 F. 49; void, (C. C. A. 4th Cir.), 212 F. 935.

## 1911.

981,111 Concrete mixer, M. H. Reed, Jan. 10, 1911, not infringed, (D. C. N. D. Ill. E. D.), 218 F. 643.

981,164 Recording door lock, Bush & Cole, Jan. 10, 1911, priority denied as to claim 2.

982,800 Electric regulation, J. L. Creveling, Jan. 31, 1911, priority denied as to claims 15 and 16.

983,032 Turbine, Elliott & Faber, Jan. 31, 1911, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.

983,034 Turbine, W. S. Elliott, Jan. 31, 1911, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.

983,295 Gem setting, J. W. Lawson, Feb. 7, 1911, void, (D. C. D. R. I.), 203 F. 284; void, (C. C. A. 1st Cir.), 209 F. 51.

984,796 Dental appliance, I. E. Burnett, Feb. 21, 1911, infringes 900,541, (D. C. N. D. Ill. E. D.), 206 F. 66.

985,119 Steel skeleton concrete construction, C. A. P. Turner, Feb. 21, 1911, not infringed, (D. C. D. Minn.), 198 F. 134; void, (C. C. A. 8th Cir.), 211 F. 466.

985,136 Change making machine, Bilyeu & Overlin, Feb. 28, 1911, priority denied as to claims 4 and 6.

985,258 Apparatus for copying music sheets, W. H. Grimsdale, Feb. 28, 1911, priority denied as to claims 1, 2 and 4.

985,984 Tobacco stripping machine, M. & E. M. Deiller, Mar. 7, 1911, claim 11 valid and infringed, (C. C. A. 2nd Cir.), 215 F. 715.

**986,208** Ash discharger, Palen & Burlingham, Mar. 7, 1911, priority denied as to claims 1, 2 and 3.

**986,668** Reflector for automobile lamps, P. C. Avery, Mar. 14, 1911, void, (C. C. A. 7th Cir.), 209 F. 616.

**988,229** Shock absorber for automobiles, C. A. Tilt, Mar. 28, 1911, valid and infringed by 1,015,682, (D. C. N. D. Ill. E. D.), 213 F. 478.

**989,272** Concrete structure, D. B. Luten, Apr. 11, 1911, demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F.151.

**989,307** Carbureter, C. P. Simmons, Apr. 11, 1911, priority denied as to claims 1, 2 and 15.

**989,976** Seed corn grader, C. Hunnicutt, Apr. 18, 1911, claims 1, 2 and 4 void, claims 3 and 5 not infringed if valid, (D. C. W. D. Pa.), 207 F. 585; void, (C. C. A. 3rd Cir.), 218 F. 176.

**990,417** Form for molded conduits, H. W. Bassett, Apr. 25, 1911, judgment of lower court affirmed, (C. C. A. 9th Cir.), 213 F. 810.

**990,468** Telephone system, F. G. Agrell, Apr. 25, 1911, priority denied as to claims 1, 2, 3, 4, 5, 7, 10 and 11.

**991,131** Cleaning and polishing apparatus, P. S. Burns, May 2, 1911, void, (D. C. D. Mass.), 208 F. 569.

**991,178** Process of making animal food, R. Stock, May 2, 1911, priority denied as to claims 1, 2, 3, 4 and 5.

**993,780** Filter, K. Kiefer, May 30, 1911, claim 1 valid but not infringed, (D. C. S. D. N. Y.), 218 F. 847.

**995,758** Furniture tip, H. M. Alleyn, June 20, 1911, void, (D. C. S. D. N. Y.), 201 F. 686; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 207.

**995,820** Process of treating beer, L. Wallerstein, June 20, 1911, valid and infringed, (C. C. A. 2nd Cir.), 215 F. 915; order denying motion for preliminary injunction reversed, (C. C. A. 3rd Cir.), 215 F. 919.

**995,824** Process of treating beer, L. Wallerstein, June 20, 1911, valid and infringed, (C. C. A. 2nd Cir.), 215 F. 915; order denying motion for preliminary injunction reversed, (C. C. A. 3rd Cir.), 215 F. 919.

**996,929** Exhibition device, H. Kempinski, July 4, 1911, preliminary injunction granted, (D. C. S. D. N. Y., Feb. 29, 1912), Mercantile Service Corporation v. George M. Rogers, not reported.

**999,478** Machine for peeling potatoes, S. B. Archer, Aug. 1, 1911, void, (D. C. S. D. N. Y.), 202 F. 962; void, (C. C. A. 2nd Cir.), 207 F. 81.

**999,663** Concrete construction, D. B. Luten, Aug. 1, 1911, demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.

**1,000,270** Portable cross-over, J. Kerwin, Aug. 8, 1911, not infringed if conceded validity, (D. C. W. D. Pa.), 217 F. 412.

**1,000,330** Storage battery, N. Dodge, Aug. 8, 1911, valid and infringed, (D. C. E. D. Pa.), 211 F. 154.

**1,001,244** Rod bending apparatus, E. L. Brown, Jr., Aug. 22, 1911, priority denied as to claim 4.

**1,001,331** Gas heated sad iron, G. H. Wright, Aug. 22, 1911, claims 4 and 5 invalid, (D. C. E. D. Pa.), 205 F. 526; evidence held insufficient to establish invalidity, (C. C. A. 3rd Cir.), 212 F. 157.

**1,002,488** Method of making garment stays, M. M. Beeman, Sept. 5, 1911, void, (D. C. W. D. Pa.), 210 F. 453; (C. C. A. 3rd Cir.), 216 F. 898.

**1,002,549** Ventilator, A. G. Wilson, Sept. 5, 1911, priority denied as to claims 1, 2 and 3.

**1,003,459** Aeroplane, L. B. Holland, Sept. 19, 1911, priority denied as to claims 1, 7 and 8.

**1,004,515** Process of homogenizing cream, J. Willmann, Sept. 26, 1911, priority denied as to claims 1, 2 and 3.

**1,004,643** Mechanism for making armored cable, H. R. Gilson, Oct. 3, 1911, valid, claim 10 infringed, (D. C. W. D. N. Y.), 215 F. 388.

**1,004,644** Process of armoring cable, H. R. Gilson, Oct. 3, 1911, valid, claims 1 and 3 infringed, (D. C. W. D. N. Y.), 215 F. 388.

**1,005,001** Process of manufacturing chewing gum, J. D. Darling, Oct. 3, 1911, preliminary injunction granted, (D. C. E. D. Pa.), 210 F. 456.

**1,005,972** Cornet, F. Holton, Oct. 17, 1911, valid and infringed, (D. C. E. D. Pa.), 216 F. 368.

**1,006,081** Wrapping machine, F. Giroud, Oct. 17, 1911, priority denied as to claims 13 and 15.

**1,007,041** Vehicle seat, W. Miller, Oct. 24, 1911, claims 1 and 2 void, (D. C. D. Mass.), 205 F. 932.

**1,007,596** Disappearing bed, W. L. Murphy, Oct. 31, 1911, does not infringe 892,668, (C. C. A. 9th Cir.), 199 F. 772.

## 1912.

**1,008,694** Spring contracting and removing device, G. W. Bryant, Nov. 14, 1911, claims 2 and 3 valid and infringed, claims 1, 4 and 7 valid but not infringed, (D. C. D. R. I.), 207 F. 107; claims 2 and 3 valid and infringed, (C. C. A. 1st Cir.), 216 F. 595.

**1,008,959** Nut lock, W. E. Davin, Nov. 14, 1911, priority denied as to claims 1, 2 and 4.

**1,009,373** Automatic desk, W. L. Amo, Nov. 21, 1911, priority denied as to claim 1.

**1,009,474** Machine for making solder-hemmed caps for closing cans, E. M. Cobb, Nov. 21, 1911, claims 46 and 58 infringed by 970,539, (D. C. D. Me.), 207 F. 363.

**1,011,450** Tire wrapping machine, De Laski & Thropp, Dec. 12, 1911, valid and infringed, (D. C. D. N. J.), 218 F. 458.

**1,011,892** Wind shield for automobiles, M. L. Williams, Dec. 12, 1911, construed and not infringed, (D. C. D. Conn.), 208 F. 155.

**1,012,468** Ironing board, A. M. Springer, Dec. 19, 1911, valid and infringed, (D. C. W. D. Wash. N. D.), 215 F. 744.

**1,014,155** Rail anticreeping device, A. T. Kramer, Jan. 9, 1912, motion to strike out portions of answer sustained in part, (D. C. N. D. Ill. E. D.), 216 F. 634.

**1,015,326** Filter, K. Kiefer, Jan. 23, 1912, claims 14 to 17 inclusive and 19 to 25 void, (D. C. S. D. N. Y.), 218 F.847.

**1,015,682** Spring for vehicles, L. P. C. J. Jacquet, Jan. 23, 1912, infringes 988,229, (D. C. N. D. Ill. E. D.), 213 F. 478.

**1,016,830** Vacuum cleaning apparatus, A. M. Jack, Feb. 6, 1912, priority denied as to the sole claim.

**1,019,383** Grass twine machine, O. T. Waite, Mar. 5, 1912, priority denied as to claims 8, 11 and 12.

**1,019,476** Voting machine, G. Johnson, Mar. 5, 1912, claims 4 and 5 valid and infringed, (D. C. D. Mass.), 212 F. 439.

**1,021,418** Coupling, W. McConway, Jr., Mar. 26, 1912, priority denied as to claim 1.

**1,021,423** Coupling, I. H. Milliken, Mar. 26, 1912, priority denied as to claim 1.

**1,021,604** Circuit breaker, H. E. Howe, Mar. 26, 1912, priority denied as to claims 1, 2 and 3.

**1,023,254** Filter, K. Kiefer, Apr. 16, 1912, void, (D. C. S. D. N. Y.), 218 F. 847.

**1,023,889** Account register, A. F. Staples, Apr. 23, 1912, priority denied as to claims 1 and 3.

**1,024,671** Socket shell, T. A. C. Both, Apr. 30, 1912, priority denied as to claims 3, 8, 10 and 11.

**1,028,518** Ventilator, A. G. Wilson, June 4, 1912, priority denied as to claims 1, 2, 3 and 4.

**1,028,708** Book and pamphlet making machine, C. Gitzendanner, June 4, 1912, priority denied as to claims 1, 3, 4, 5, 6, 8, 10, 11, 13, 14 and 15.

**1,028,959** Double acting pump jack, W. T. Pittman, June 11, 1912, priority denied as to claims 1, 2, 4, 5, 6, 8, 9, 10, 11, 14 and 15.

**1,029,645** Bottle opener, H. L. Vaughan, June 18, 1912, valid and infringed, (D. C. N. D. Ill. E. D.), 204 F. 464; valid and infringed, (C. C. A. 7th Cir.), 216 F. 356.

**1,030,834** Bowling pin, E. H. Sawyer, June 25, 1912, valid and infringed, (D. C. D. Md.), 204 F. 637.

**1,033,109** Adding machine, C. A. Lundgren, July 23, 1912, priority denied as to claims 1 and 2.

**1,034,681** Buckle, W. B. Bliss, Aug. 6, 1912, infringes 972,937, (C. C. A. 9th Cir.), 217 F. 394.

**1,035,098** Walking toy figure, H. Muller, Aug. 6, 1912, void on motion for preliminary injunction, (C. C. A. 2nd Cir.), 201 F. 527.

**1,035,687** Flying machine, T. W. Carey, Jr., Aug. 13, 1912, priority denied as to claims 1, 3, 4 and 5.

**1,037,021** Air-cushioning mechanism, J. S. Kiesel, Aug. 27, 1912, priority denied as to claims 1, 2, 3 and 6.

**1,037,881** Edible oil product, C. Ellis, Sept. 10, 1912, priority denied as to claims 11, 12, 13 and 14.

**1,045,251** Carbureter, T. F. Bourne, Nov. 26, 1912, priority denied as to claims 1 and 10.

**1,048,532** Condenser, E. G. Helander, Dec. 31, 1912, priority denied as to claim 1.

## 1913.

**1,049,771** Conduit for electric wires, F. D. Saylor, Jan. 7, 1913, does not infringe 693,916, (D. C. W. D. Pa.), 210 F. 462; infringes claims 2 and 6 of 693,916, (C. C. A. 3rd Cir.), 212 F. 407.

**1,049,930** Fruit drier, L. B. Skinner, Jan. 7, 1913, priority denied as to claim 1.

**1,050,357** Ore dock, M. Toltz, Jan. 14, 1913, priority denied as to claims 15, 16, 17, 18 and 19.

**1,050,828** Machine for turning multiple diameter shafts, F. K. Hendrickson, June 21, 1913, priority denied as to claims 1 and 2.

**1,051,789** Developing tube, J. E. Wallace, Jan. 28, 1913, priority denied as to claims 1, 2, 3 and 4.

**1,053,215** Rotary scraping tool, M. F. Powell, Feb. 18, 1913, priority denied as to claims 11, 12 and 13.

**1,053,565** Machine for the manufacture of bottle closures, A. Bogdanffy, Feb. 18, 1913, motion for attachment granted, (D. C. E. D. N. Y.), 206 F. 473.

**1,053,898** Method for manufacturing bottle closures, A. Bogdanffy, Feb. 18, 1913, motion for attachment granted, (D. C. E. D. N. Y.), 206 F. 473.

**1,055,235** Fabric drier, W. M. Schwartz, Mar. 4, 1913, priority denied as to claims 1 and 3.

**1,055,672** Process for reforging worn car wheels, E. E. Slick, Mar. 11, 1913, void, (D. C. W. D. Pa.), 216 F. 164.

**1,055,743** Plowshare, G. W. Hammers, Mar. 11, 1913, priority denied as to claims 1, 2 and 3.

**1,056,415** Apparatus for applying abrasives to grinding apparatus, H. K. Hitchcock, Mar. 18, 1913, claims 3, 6, 9, 15, 20 and 23 not infringed, (D. C. W. D. Pa.), 216 F. 766.

**1,056,416** Method of applying abrasives to grinding apparatus, H. K. Hitchcock, Mar. 18, 1913, claims 1, 2 and 6 not infringed, (D. C. W. D. Pa.), 216 F. 766.

**1,058,737** Filter, W. S. Elliott, Apr. 15, 1913, priority denied as to claim 1.

**1,058,782** Railway mail crane, B. W. Mudge, Apr. 15, 1913, priority denied as to claims 1, 2, 3, 4, 5, 6, 7, 8 and 9.

**1,062,177** Register, J. T. McElfatrick, May 20, 1913, priority denied as to claims 1, 2, 3 and 4.

**1,062,800** Cushion frame for cycles, J. H. Sager, May 27, 1913, priority denied as to claims 1 and 2.

**1,065,297** Waist grip, G. H. Crawford, June 17, 1913, valid but not infringed, (D. C. E. D. N. Y.), 215 F. 117.

**1,066,550** Car underframe, V. M. Summa, July 8, 1913, priority denied as to claims 1, 2, 3, 4, 5, 7, 8, 9 and 10.

**1,069,436** Stay bolt, H. A. Lacerda, Aug. 5, 1913, priority conceded as to claims 1 and 3.

**1,069,769** Horse collar stuffing machine, H. E. Doane, Aug. 12, 1913, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 216 F. 599.

**1,069,953** Calculating machine, W. W. Hopkins, Aug. 12, 1913, priority denied as to claims 55, 56, 57, 61, 62, 67, 68, 69, 70, 71, 72 and 73.

**1,070,457** Mushroom bullet, A. B. Gully, Aug. 19, 1913, priority denied as to claim 1.

**1,071,442** Preparation of granular carbon, J. C. Lee, Aug. 26, 1913, priority denied as to claim 2.

**1,074,943** Automatic clutch running cinematographs and phonographs synchronously, L. Gaumont, Oct. 7, 1913, priority denied as to claims 1 and 2.

**1,080,191** Machine for rounding soles, W. C. Baxter, Dec. 2, 1913, claims 1 to 5 held not patentable, priority denied as to claims 8, 9 and 10.

**1,081,050** Sheet metal working machine, P. Kruse, Dec. 9, 1913, priority denied as to claim 8.

## 1914.

**1,087,977** Leaf controlling means for credit registers, F. J. Peterson, Feb. 24, 1914, priority denied as to claims 1, 2, 3, 4, 5, 6, 7 and 8.

**1,091,364** Heel burnishing wheel, C. A. Matson, Mar. 24, 1914, priority denied as to claim 1.

**1,091,921** Cup dispenser, L. S. Flatau, Mar. 31, 1914, priority denied as to claims 1, 2 and 3.

**1,092,898** Folding vehicle top holder, H. D. Cox, Apr. 14, 1914, denied priority as to claim 1.

**1,094,857** Process of producing available phosphoric acid, W. S. Landis, Apr. 28, 1914, priority denied as to claims 1, 2, 3 and 4.

**1,099,208** Double faced Teddy bear, L. S. Schiffer, June 9, 1914, priority denied as to claim 1.

**1,098,344** Starting gearing for automobiles, P. C. Day, May 26, 1914, priority denied as to claims 1, 2 and 4.

## TABLE II.

## REISSUE.

### Chronological List of Adjudicated Reissue Patents.

(This list supplements that of Table I. Even though a patent was reissued, such adjudications thereof as occurred prior to the reissue will be found under Table I).

**3,985** (original 25,373). Box machine, Terry, Terry & Robeson, May 17, 1870, decree pro confesso in re infringement by 100,621, (C. C. E. D. Pa.), data set forth at Liber R 13, p 360 in the assignment records of the U. S. Patent Office.

**7,897** (original 54,614). Fruit box, J. Shepard & B. B. Lewis, (C. C., E. D. N. Y.), Federal Cases No. 9,039.

**8,599** (original 55,709). Fruit box, Charles Reese, Feb. 25,1879, (C. C., E. D. N. Y.), Federal Cases No. 9,039.

**11,282** (original 445,235). Wood pulp digester, G. F. Russell, Nov. 15, 1892, void, claim 1 if conceded validity not infringed, (C. C. N. D. N. Y.), 151 F. 47; valid, infringed, (C. C. A. 2d Cir.), 157 F. 660; exceptions to master's report overruled, (C. C. N. D. N. Y.), 190 F. 39; decree awarding nominal damages reversed, (C. C. A. 2nd Cir.), 193 F. 653; valid and infringed, (D. C. N. D. N. Y.), 217 F. 51; not infringed by 644,367, (D. C. N. D. N. Y.), 217 F. 57.

**11,536** (original 545,616). Computing scale, A. U. Smith, Apr. 28, 1896, claims 5 and 6 valid and infringed, (C. C. A. 7th Cir.), 208 F. 410.

**11,611** (original 533,763). Side bearing for railway cars, John C. Wands, June 15, 1897, claims 4, 5 and 6 void, (C. C., N. D. Ill., E. D.), 170 F. 968; void, (C. C. A. 7th Cir.), 178 F. 449.

**11,624** (original 563,723). Electrolytic bath for coating metals, H. Alexander, Aug. 3,1897, claims 1 and 3 not infringed, (C. C. D. N. J.), 163 F. 56; void and also not infringed if conceded validity, (C. C. A. 3rd Cir.), 174 F. 983.

**11,626** (original 570,906). Electrical burglar alarm, C.Coleman, Aug. 17, 1897, claims 6 and 21 void, claims 18 and 20 valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claim 6 void, (C. C. A. 8th Cir.), 209 F. 845.

**11,639** (original 466,081). Transom lifter, W. Ormsby, Nov. 30, 1897, void, (C. C. A. 1st Cir.), 148 F. 13.

**11,645** (original 555,707). Telephone system—automatic ringing, J. J. O'Connell, Dec. 28, 1897, held valid and infringed Jan. 5, 1911, (C. C. E. D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey, not reported.

**11,666** (original 582,476). Furnace for heating ingots, Laughlin & Reuleaux, May 31, 1898, void, (D. C. W. D. Pa.), 203 F. 496.

**11,672** (original 546,738). Filter, O. H. Jewell, June 28, 1898, valid and infringed, (D. C. M. D. Pa.), 208 F. 10; not infringed, (C. C. A. 3rd Cir.), 217 F. 366.

**11,696** (original 563,664). Dental spittoon, F. Hurlbut, Sept. 27, 1898, remanded to circuit court, (C. C. A. 7th Cir.), 199 F. 116.

**11,778** (original 620,070). Tufting machine, A. Freschl, Oct. 24. 1899, void, (C. C. A. 6th Cir.), 151 F. 478.

**11,811** (original 609,200). Insoluble waterproof compound for coating paper etc., William A. Hall, Mar. 6, 1900, void because of prior public use, (C. C. E. D. Pa.), 172 F. 237; void as broadening the original patent, (C. C. A. 3rd Cir.), 174 F. 341.

**11,831** (original 585,122). Sofa-bed, W. T. Rolph, June 19, 1900, valid but not infringed by 863,365, motion for rehearing denied, (C. C. N. D. Ill.), 188 F. 662.

**11,843** (original 604,560). Leather-staking machine, Craig & Slocomb, July 31, 1900, motion to require witness to answer questions denied, (D. C. D. Del.), 201 F. 101.

**11,872** (original 495,443). Traveling contact for electric railways, C. J. Van Depoele, Nov. 13, 1900, void, (C. C. A. 6th Cir.), 148 F. 843; (C. C. D. N. J.), 150 F. 589; (C. C. A. 2nd Cir.), 158 F. 813.

**11,905** (original 595,231). Oil burner, W. H. Wilder, April 9, 1901, not infringed, (C. C. E. D. N. Y.), 168 F. 712; valid but not infringed, (C. C. A. 2d Cir.), 184 F. 457.

**11,907** (original 631,525). Wardrobe, J. E. Kennedy, May 7, 1901, not infringed, (C. C. A. 6th Cir.), 216 F. 341.

**11,913** (original 586,193). Apparatus and method for transmitting electrical impulses, G. Marconi, June 4, 1901, preliminary injunction denied as to claim 3, (C. C., S. D. N. Y.), 154 F. 74; claim 3 valid and infringed, (D. C. E. D. N. Y.), 213 F. 815.

**11,918** (original 428,169). Electric motor regulator, W. H. Knight, July 2, 1901, bill dismissed by stipulation, (No. 5945, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co.; bill of complaint dismissed by stipulation,(No. 33, D. N. J.), Thomson-Houston Electric Co. v. Allis-Chalmers Co v. Bullock Co., not reported.

**11,923** (original 637,234). Stop-motion for looms, Coldwell & Gildard, July 30, 1901, claims 19 to 25 and 27 to 30 valid and infringed, (D. C. D. Mass.), 197 F. 568; void as to claim 19 and all subsequent claims broader than claim 23, (C. C. A. 1st Cir.), 202 F. 744; claim 19 void, claims 23 and 25 valid and infringed, (D. C. D. Mass.), 205 F. 929; claim 23 valid and claim 25 invalid, (C. C. A. 1st Cir.), 213 F. 468.

**11,982** (original 654,956). Furniture caster, A. B. Diss, May 6, 1902, valid, claims 1 and 2 infringed, (C. C. D. Conn.), 165 F. 344.

**11,995** (original 686,022). Process of making sulfuric anhydrid, H. S. Blackmore, May 27, 1902, claims 6 to 11 awarded to Knietsch,652,119, as prior inventor; also reissue wholly void, (C. C. S. D. N. Y.), 156 F. 968.

**12,005** (original 694,103). Manifold-book, Alexander Levison, July 1, 1902, claims 3, 4 and 5 valid, (C. C. A. 9th Cir.), 188 F. 658.

**12,037** (original 589,168). Kinetographic camera, T. A. Edison, Sep. 30, 1902, claims 1, 2 and 3 valid, infringed as to one device and not infringed as to another, claim 4 void, (C. C. A. 2nd Cir.), 151 F. 767; motions for preliminary injunctions granted in part, (C. C. S. D. N. Y.), 178 F. 104; held infringed on motion for preliminary injunc-

tion, (C. C. S. D. N. Y.), 183 F. 986, 183 F. 989; validity doubtful, preliminary injunction issued by C. C. S. D. N. Y. vacated, (C. C. A. 2d Cir., May 18, 1911), not reported; relief by specific performance refused, (C. C. A. 3rd Cir.), 200 F. 352; See Reissue 13,329.

**12,038** (original 589,168). See Reissue 12,192.

**12,072** (original 681,457). Smoke consuming furnace, H. E. Parson, Jan. 6, 1903, claim 1 not infringed; claim 2 void, (C. C. D. N. J.), 180 F. 742; claim 1 not infringed, claim 2 void, (C. C. A. 3d Cir.), 185 F. 522.

**12,085** (original 638,669). Clutch mechanism, A. E. Norris, Feb. 24, 1903, decree (140 F. 716) on demurrer reversed, (C. C. A. 2nd Cir.), 147 F. 239.

**12,115** (original 727,331). Receiver of electro-magnetic waves, R. A. Fessenden, May 26,1903,proceedings for contempt, (C. C., S. D. N. Y.), 154 F. 81.

**12,137** (original 649,915). Computing scale, A. De Vilbiss, July 28, 1903, valid and infringed, (C. C. N. D. Ill. E. D.), 178 F. 557; valid and infringed, (C. C. A. 7th Cir.), 187 F. 826; petition for leave to open decree denied, (C. C. A. 7th Cir.), 199 F. 905.

**12,192** (original 589,168, Reissue 12,038). Motion picture film, T. A. Edison, Jan. 12, 1904, valid and infringed, Motion Picture Patents Co. v. Chicago Film Exchange, (Sup. Ct. D. C., Dec. 23, 1911), not reported; relief by specific performance refused, (C. C. A. 3rd Cir.), 200 F. 352; claim 2 void, 39 App. D. C. 285.

**12,241** (original 524,396). Electric controller, W. B. Potter, July 19, 1904, void as broader than the original, (C. C. A. 7th Cir.), 178 F. 84; demurrer sustained, (No. 27,691, C. C. N. D. Ill.), General Electric Co. v. Morgan Gardner Co., Betts, Sheffield, Bentley & Betts for complt., G. S. Noble for dft.; Court of Appeals on Dec. 2, 1909 affirmed lower court dismissing bill of complaint and Supreme Court denied complainant's application for writ of certiorari, (No. 10.403, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co.; complainant's prima facie proofs commenced Dec. 30, 1909, not yet completed, (No. 34, D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.

**12,246** (original 734,796). Dam construction, N. F. Ambursen, July 26, 1904, claims 2 and 3 void, (D. C. S. D. N. Y.), 208 F. 27; (C. C. A. 2nd Cir.), 211 F. 982.

**12,263** (original 753,577). Thread guide for spinning or twisting machines, L. T. Houghton, Aug. 23, 1904, valid, claims 1, 2, 3 and 4 infringed, (C. C. A. 1st Cir.), 153 F. 740; claim 3 infringed, (C. C. A. 1st Cir.), 178 F. 444.

**12,297** (original 730,412). Fruit grader, R. Strain, Dec. 27,1904, claims 1 and 10 valid and infringed by 997,468, (C. C. A. 9th Cir.), 205 F. 735.

**12,300** (original 742,540). Refrigerator building, J. Wills, Jan. 3, 1905, void, (C. C. M. D. Pa.), 147 F. 525; (C. C. A. 3rd Cir.), 153 F. 181.

**12,352** (original 745,571). Water cooler, J. T. Cole, May 30,1905, not infringed, (C. C. A. 2nd Cir.), 167 F. 542.

**12,393** (original 444,530). Leading-in wire for incandescent lamps, T. A. Edison, Oct. 10, 1905, void, (C. C. W. D. Pa.), 161 F. 549; valid, infringed, (C. C. A. 3rd Cir.), 167 F. 977.

**12,399** (original 743,995). Anti-vibration device for vehicles, J. M. M. Truffault, Nov. 7, 1905, not infringed, (C. C. S. D. N. Y.), 158 F. 103; valid, infringed, (C. C. A. 2nd Cir.), 163 F. 948.

**12,405** (original 488,761). Window, J. H. Giesey, Nov. 7, 1905, valid and infringed, (C. C. D. N. J.), 178 F. 831.

**12,406** (original 573,009). Dynamo, B. G. Lamme, Nov. 7, 1905, complainant's prima facie proofs closed Nov. 5, 1906, defendant's proofs not yet completed, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported.

**12,430** (original 772,014). Truck, Herman Weber, Jan. 2, 1906, claims 1, 2 and 3 valid and infringed, (C. C. D. Md.), 190 F. 189.

**12,437** (original 695,508). Frictional retarding means for spring vehicles, J. M. M. Truffault, Jan. 16, 1906, claims 1 to 10 void, (C. C. S. D. N. Y.), 158 F. 103; valid, infringed, (C. C. A. 2nd Cir.), 163 F. 948; motion for preliminary injunction denied, (C. C. D. N. J.), 172 F. 676; valid and infringed, (C. C. S. D. N. Y.), 181 F. 132; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 875.

**12,443** (original 791,216). Process and apparatus for making wire glass, E. C. Schmertz, Jan. 30, 1906, valid, infringed, (C. C. W. D. Pa.), 168 F. 73; not infringed, (C. C. A. 3rd Cir.), 178 F. 944; infringed by 867,510, (C. C. N. D. Ill., E. D.), 178 F. 977; motion for preliminary injunction denied, (C. C. N. D. Ill., E. D.), 178 F. 973; claims 1, 2, 6 and 7 valid and infringed by 867,510, (C. C. A. 7th Cir.), 185 F. 788; not infringed, (C. C. N. D. Ill., E. D.), 188 F. 436; not infringed, (C. C. A. 7th Cir.), 195 F. 760; exceptions sustained in part, (D. C. M. D. Ill., E. D.), 203 F. 1006.

**12,447** (original 806,394). Means for dumping coal from the bottoms of cars, W. A. Caswell, Feb. 6, 1906, claims 31, 32, 44, 48, 58 to 63, valid, not infringed, (C. C. A. 6th Cir.), 172 F. 393.

**12,455** (original 797,122). Filter pulp packing machine, K. Kiefer, Feb. 20, 1906, claims 9 and 10 valid but not infringed, (D. C. S. D. N. Y.), 218 F. 847.

**12,460** (original 751,722). Nozzle for impact water-wheels, Wm. A. Doble, Feb. 27, 1906, all claims valid and infringed, (C. C. A. 9th Cir.), 190 F. 760.

**12,578** (original 735,938). Machine for manufacturing hollow concrete building-blocks, Borst & Groscop, Dec. 18,1906, void, (C. C. A. 7th Cir.), 187 F. 814.

**12,582** (original 580,863). Computing machine, De K. J. T. Hiett, Dec. 18, 1906, claims 55, 56, 57 void, (C. C. N. D. Ill., E. D.), 161 F. 365.

**12,594** (original 769,078). Manufacture of imitation-stone plates, slabs or tiles, L. Hatschek, Jan. 15, 1907, claims 3 and 7 valid and infringed, (C. C. S. D. N. Y.), 184 F. 620; claims 1 and 6 void, (C. C. S. D. N. Y.), 189 F. 608; suit in re misstatement of decree by complainants, verdict for defendant, (C. C. S. D. N. Y.), 189 F. 611; valid and infringed, (D. C. N. D. Ill. E. D.), 217 F. 66.

**12,629** (original 802,677). Can cover fastener, C. E. Bertels, Apr. 9, 1907, valid and infringed, (C. C. M. D. Pa.), 175 F. 971; void, (C. C. A. 3rd Cir.), 180 F. 730.

**12,675** (original 827,809). Combined letter sheet and envelope, J. T. H. Mitchell, July 23, 1907, claims 1 and 7 valid and infringed by 892,461, (C. C. N. D. Ill., E. D.), 183 F. 782; appealed, (C. C. A. 7th Cir.), not reported.

**12,688** (original 846,600). Water closet bend, B. Oakes, Aug. 27, 1907, denied priority in interference, 34 App. D. C. 434.

**12,719** (original 806,779). Water motor, Peter T. Coffield. Nov. 12, 1907, valid and infringed, (C. C. N. D. W. Va.), 169 F. 641; on motion for preliminary injunction valid and infringed, (C. C. N. D. W. Va.), 172 F. 668; valid and infringed, (C. C. N. D. W. Va.), 190 F. 42; valid and infringed, (C. C. A. 4th Cir.), 197 F. 541; order granting preliminary injunction affirmed, (C. C. A. 8th Cir.), 209 F. 614; (C. C. A. 4th Cir.), 210 F. 166.

**12,732** (original 742,667). Hydraulic swivel, H. G. Johnston, Dec. 17, 1907, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; not infringed, (C. C. A. 5th Cir.), 201 F. 1021.

**12,744** (original 810,240). Electric controller, P. A. Weyand, Jan. 28, 1908, claims 1, 2 and 29 valid and infringed, claims 11, 25 and 30 void, (D. C. E. D. Mich., S. D.), 205 F. 105.

**12,750** (original 619,567). Face plate for burial caskets, W. Hamilton, Feb. 11, 1908, not void on its face, (C. C. A. 2nd Cir.), 174 F. 413; invalid, (D. C. S. D. N. Y.), 197 F. 940; (C. C. A. 2nd Cir.), 204 F. 983.

**12,757** (original 839,655). Incandescent lamp socket, F. E. Seeley, Mar. 3, 1908, claims 1, 2 and 3 valid and infringed, (D. C. S. D. N. Y.), 197 F. 949.

**12,789** (original 723,139). Machine for chipping glass, J. M. Conroy, May 5, 1908, valid, (C. C. W. D. Pa.), 173 F. 299; valid and infringed, (C. C. W. D. Pa.), 181 F. 697; void, (C. C. A. 3d Cir.), 185 F. 511.

**12,796** (original 662,395). Centrifugal fan, S. C. Davidson, May 26, 1908, not so clearly void as to justify being so held on demurrer, (C. C. S. D. N. Y.), 173 F. 378; not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84; claims 1, 5, 7, 10 and 13 valid and infringed, (D. C. S. D. N. Y.), 208 F. 147.

**12,797** (original 662,395). Centrifugal fan, S. C. Davidson, May 26, 1908, not so clearly void as to justify being so held on demurrer, (C. C. S. D. N. Y.), 173 F. 378; not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84; claims 1, 3, 4, 5, 10 and 14 valid and infringed, (D. C. S. D. N. Y.), 208 F. 147.

**12,798** (original 691,495). Centrifugal fan or pump, S. C. Davidson, May 26, 1908, not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84.

**12,816** See Reissue 12,924.

**12,817** (original 850,997). Eye-guard, H. S. Cover, June 16, 1908, claim 2 void on four grounds, (C. C. N. D. Ill., E. D.), 188 F. 670.

**12,844** (original 757,762). Drive-chain, E. F. Morse, Aug. 18, 1908, claims 6, 9, 10 and 12 void, (C. C. A. 2d Cir.), 189 F. 584.

**12,855** (original 877,035). Buckle, M. Barabasz, Sept. 22, 1908, void, (C. C. D. Md.), 180 F. 1002.

**12,912** (original 736,999). Chain driving gear for transmission of power, E. F. Morse, Jan. 19, 1909, void, (C. C. S. D. N. Y.), 182 F. 825.

**12,924** (original 845,696, Reissue 12,816). Eye-guard, H. S. Cover, Mar. 2, 1909, claim 5 void on four grounds, (C. C. N. D. Ill., E. D.), 188 F. 670.

**12,933** (original 907,407). Subaqueous rock breaker, C. L. Rowland, Mar. 30, 1909, claims 1, 2, 5, 7, 8, 10, 11, 12 and 13 valid and infringed, (C. C. D. N. J.), 193 F. 63; (C. C. A. 3rd Cir.), 201 F. 524.

**13,033** (original 759,037). Lamp, H. F. Smith, Nov. 2, 1909, claims 22 to 30 void, not infringed if conceded validity, (D. C. S. D. N. Y.), 197 F. 951; not infringed, (C. C. A. 2nd Cir.), 210 F. 450.

**13,125** (original 921,494). Wire mattress, C. J. Witzel, June 28, 1910, claims 7, 10, 13, 14, 19, 20, 21, 22, 23 and 24 valid and infringed, (D. C. S. D. N. Y.), 212 F. 447; (C. C. A. 2nd Cir.), 212 F. 734.

**13,163** (original 916,361). Disk harrow, F. B. Niesz, Nov. 1, 1910, valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 473.

**13,329** (original 589,168, Reissue 12,037). Kinetoscope, T. A. Edison, Dec. 5, 1911, hearing March 22, 1912, on motion for preliminary injunction, Motion Picture Patents Co. v. Laemmle et al., same v. Imp Films Co. et al., (D. C. S. D. N. Y.), not reported; claims 1, 2, 3 and 5 valid and infringed, claim 4 if valid, not infringed, (D. C. S. D. N. Y.), 214 F. 787; motion to dismiss denied and restraining order granted, (D. C. D. N. J.), 217 F. 247.

**13,361** (original 812,976). Dental tool, G. T. Carpenter, Jan. 16, 1912, application denied priority in interference, 36 App. D. C. 178.

**13,421** (original 918,049). Machine for reseating valves, R. H. Hazeltine, May 21, 1912, void, (D. C. S. D. N. Y.), 205 F. 760; valid and infringed, (C. C. A. 2nd Cir.), 213 F. 35.

**13,542** (original 821,580). Acetylene lamp, F. E. Baldwin, Mar. 11, 1913, claim 4 valid and infringed, (D. C. W. D. Pa.), 215 F. 735.

## TABLE III.

### DESIGNS.

**Chronological List of Adjudicated Design Patents.**

**8,814** Show case, J. Lehnbeuter et al., Nov.30, 1875, 105 U.S.94.
**9,488** Street lamp, G. D. Burton, Sept. 5, 1876, 3 F. 642.
**10,497** Street lamp, G. D. Burton, Feb. 19, 1878, 3 F. 642.
**10,778** Carpet, H. Christie, Aug. 13, 1878, 10 F. 385, and 114 U. S. 439.
**10,870** Carpet, C. Magee, Oct. 15, 1878, 10 F. 385, and 114 U. S. 439.
**11,074** Carpet, W. L. Jacobs, Mar. 18, 1879, 10 F. 385, and 114 U. S. 439.
**11,409** Jewelry setting, C. F. Wood, Sept. 9, 1879, 7 F. 475.
**12,026** Newel post, H. Textor, Nov. 9, 1880, 12 F. 144.
**25,318**. Cereal cup, H. D. Perky, Mar. 31, 1896, does not interfere with 820,899, (C. C. A. 7th Cir.), 163 F. 252.
**27,115** Sarcophagus monument, W. H. Young, May 25,1897, void, (C. C. D. Vt.), 160 F. 103; valid and infringed, (C. C. A. 2nd Cir.), 170 F. 324.
**28,190** Pump-curb, C. A. Bartliff, Jan. 18, 1898, void, (D. C. W. D. Mo., W. D.), 198 F. 857.
**29,993** Bathtub seat, W. Robertson, Jan. 10, 1899, void, (D. C. S. D. N. Y.), 202 F. 760.
**30,478** Grass cutting blade, H. S. Earle, Apr. 4, 1899, valid, infringed, (C. C. D. Maine), 154 F. 851.
**31,838** Insulating plug for electric-line supports, L. A. Williams, Nov. 14, 1899, void, (C. C. N. D. N. Y.), 161 F. 571.
**32,227** Grass hook, C. K. Tilden, Feb. 13, 1900, valid, infringed, (C. C. D. Maine), 154 F. 851.
**33,633** Casing for disinfecting apparatus, E. Taussig, Dec. 4, 1900, valid, infringed, (C. C. A. 2nd Cir.), 149 F. 423.
**35,922** Ornamental head for brooches, L. D. Frenot, May 27,1902, valid, infringed, (C. C. A. 3rd Cir.), 158 F. 305.
**36,607** Radiator, C. M. Woolley, Oct. 27, 1903, valid but not infringed, (C. C. A. 7th Cir.), 199 F. 424.
**36,806** Artificial building blocks, H. S. Palmer, Feb. 16, 1904, void, (C. C. A. 7th Cir.), 149 F. 1001.

**36,895** Trimming for ladies' underwear, Kerwin & McGinley, April 26, 1904, infringed, (C. C. E. D. Pa.), 151 F. 264.

**37,055** Clasp pin, H. W. Fishel, July 26, 1904, not infringed, (C. C. A. 2nd Cir.), 204 F. 790.

**37,301** Lamp, W. Gray, Jan. 24, 1905, not infringed, (C. C. E. D. Pa.), 147 F. 732; (C. C. A. 3rd Cir.), 159 F. 138.

**37,501** Piano case, W. Lane, June 25, 1905, valid and infringed, (D. C. S. D. N. Y.), 209 F. 233.

**37,504** Inkwell, F. M. Ashley, Aug. 8, 1905, infringed by Design patent No. 40,125, (C. C. S. D. N. Y.), 181 F. 840; not infringed by Design patent No. 40,125, (C. C. A. 2d Cir.), 186 F. 339.

**37,649** Bedspring, D. I. Tomkins, Nov. 7, 1905, valid and infringed, (C. C. S. D. N. Y.), 154 F. 669; void or not infringed, (C. C. A. 2nd Cir.), 159 F. 133.

**37,967** Reflector, Otis A. Mygatt, April 24, 1906, anticipates Design patent No. 37,983, (C. C. A. 2d Cir.), 191 F. 836.

**37,983** Prismatic glass reflector, O. A. Mygatt, May 1, 1906, disposition of this patent left to final hearing, (C. C. S. D. N. Y.), 181 F. 399; infringed, (C. C. S. D. N. Y.), 186 F. 343; void in view of Design patent No. 37,967, (C. C. A. 2d Cir.), 191 F. 836.

**38,412** Hatband, J. Lichtenstein, Jan. 15, 1907, valid, infringed, (C. C. S. D. N. Y.), 161 F. 578; (C. C. S. D. N. Y.), 166 F. 319; decree (166 F. 319) reversed, (C. C. A. 2nd Cir.), 168 F. 61.

**38,581** Ribbon, E. M. Corbett, May 21, 1907, void, (C. C. D. N. J.), 166 F. 767.

**38,638** Lamp, J. J. Weyer, June 25, 1907, not infringed, (C. C. A. 7th Cir.), 180 F. 412.

**39,347** Neck scarf, J. Mead, June 9, 1908, valid and infringed, (C. C. E. D. Wis.), 181 F. 163; (C. C. E. D. Pa.), 181 F. 166; preliminary injunction granted, (C. C. A. 3d Cir.), 183 F. 222; invalid, (C. C. N. D. Ohio, E. D., Aug. 1, 1911), Phoenix v. Rich & Co., not reported; invalidity affirmed, Rich & Co. v. Phoenix, (C. C. A. 3d Cir., Jan. 10, 1912), not reported; void, (C. C. A. 3rd Cir.), 194 F. 696; held valid and infringed on motion for preliminary injunction, (C. C. N. D. Ill.), 194 F. 700; same, (C. C. E. D. Pa.), 194 F. 702; void, (C. C. E. D. Pa.), 194 F. 703;

void, not infringed if conceded validity, (C. C. N. D. Ohio, E. D.), 194 F. 708.

**39,767** Branch box for insulated electric wires, M. Havens, Jr., Jan. 12, 1909, not void on its face on demurrer, (C. C. S. D. N. Y.), 190 F. 199; valid and infringed, (C. C. A. 2nd Cir.), 218 F. 827.

**39,921** Bottle, C. Boldt, Apr. 20, 1909, void on its face, (C. C. A. 6th Cir.), 194 F. 871; void on its face, (C. C. A. 7th Cir.), 199 F. 139.

**39,992** Dish, Charles Graff, May 18, 1909, valid and infringed, (C. C. E. D. N. Y.), 189 F. 902; valid and infringed, (C. C. A. 2nd Cir.), 195 F. 522.

**40,009** Border section for silver plate, Charles Graff, May 25, 1909, valid and infringed, (C. C. E. D. N. Y.), 189 F. 902; valid and infringed, (C. C. A. 2nd Cir.), 195 F. 522.

**40,124** Spoons and forks, G. L. Crowell, Jr., July 6, 1909, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

**40,125** Inkwell, S. E. Hilles, July 6, 1909, infringes Design patent No. 37,504, (C. C. S. D. N. Y.), 181 F. 840; does not infringe Design patent No. 37,504, (C. C. A. 2d Cir.), 186 F. 339.

**40,182** Reflector, O. A. Mygatt, July 27, 1909, void, (C. C. A. 2nd Cir.), 218 F. 827.

**40,789** Clothesbrush, J. Webster, July 26, 1910, valid and infringed, (D. C. D. R. I.), 195 F. 538; valid and infringed, (C. C. A. 1st Cir.), 200 F. 54.

**40,832** Spoons and forks, G. L. Crowell, Jr., Aug. 23, 1910, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

**40,833** Spoons and forks, G. L. Crowell, Jr., Aug. 23, 1910, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

**41,388** Vehicle number plate support, E. M. Rosenbluth, May 16, 1911, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; void, (C. C. A. 3rd Cir.), 208 F. 564.

**41,389** Vehicle number plate support, E. M. Rosenbluth, May 16, 1911, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; void, (C. C. A. 3rd Cir.), 208 F. 564.

**41,785** Lamp shade, H. S. Evans, Sept. 19, 1911, valid and infringed, (D. C. W. D. Pa.), 199 F. 154.

## TABLE IV.

### DISCLAIMERS.

**Chronological List of Patents granted since 1897 in which Disclaimers have been filed. When certain claims of the patent have been disclaimed, this has been indicated. In other cases, in order to determine the scope of the disclaimer, reference must be made to the Vol. and page of O. G. noted, or to the patented file.**

### REISSUE.

**11,913** (Claim 1) Transmitting electrical impulses and signals and apparatus therefor, G. Marconi, June 4, 1901, 121 O. G. 1016.

**11,923** (Claims 19, 20, 21, 22, 24, 27, 28, 29 and 30) Warp stop motion for looms, Coldwell & Gildart, July 30, 1901, 193 O. G. 514; (Claim 25), 210 O. G. 1400.

**11,992** (Claims 7, 8 and 9) Convertible car, J. O'Leary, May 20, 1902, 126 O. G. 1068.

**12,578** (Claims 4 to 14 inclusive) Machine for manufacturing hollow concrete building blocks, Borst & Groscop, Dec. 18, 1906, 195 O. G. 820.

**13,454** (Claims 1, 2 and 3) Supporting and retaining device for spare tires, W. A. Allen, Aug. 6, 1912, 190 O. G. 798b.

**13,502** Gear cutting machine, H. Bilgram, Dec. 31, 1912, 192 O. G. 1.

**13,717** (Claim 5) Peanut picker, T. M. Lilliston, Apr. 21, 1914, 211 O. G. 958.

### ORIGINAL.

#### 1898.

**598,240** Gage for teeth of ice plows and markers, J. N. Briggs, Feb. 1, 1898, 82 O. G. 1061.

**599,477** Bowling alley, E. Reisky, Feb. 22, 1898, 102 O. G. 1.

**600,186** (Claims 1, 2, 3 and 4) Fireproof window, F. Voightmann, Mar. 8, 1898, 126 O. G. 3426.

604,125 (Claims 1 and 4) Collecting gas from fermenting liquors, J. Schneible, May 17, 1898, 127 O. G. 853.

604,195 Process and apparatus for manufacturing tinplate, W. Rogers, May 17, 1898, 100 O. G. 1.

607,304 Beer pasteurizing apparatus, E. Wagner, July 12, 1898, 106 O. G. 2019.

607,846 (Claims 6, 7 and 8) Car-line, H. W. Gays, July 26, 1898, 137 O. G. 1714.

609,800 (Claims 3 and 4) Radiator, A. H. Fowler, Aug. 30, 1898, 202 O. G. 1264.

610,705 Brush for electrical machines, J. W. Dickey, Sept. 13, 1898, 190 O. G. 1034.

612,825 (Claim 6) Can labeling machine, E. W. Cornell, Oct. 25, 1898, 139 O. G. 202.

613,049 (Claims 4 and 5) Voting machine, P. H. Stedman, Oct. 25, 1898, 85 O. G. 1743.

## 1899.

624,965 Cleaner for sifter drums, C. H. Oester, May 16, 1899, 113 O. G. 1973.

625,808 Power transmitting mechanism for motor vehicles, Roe & Knight, May 30, 1899, 92 O. G. 1623.

627,595 (Claims 1, 3 and 4) Coke ovens and method of operating same, F. W. C. Schniewind, June 27, 1899, 97 O. G. 1376.

630,972 Stick pin retainer, G. J. Capewell, Jr., Aug. 15, 1899, 114 O. G. 264.

634,423 Process of and apparatus for treating sewage, Cameron, Commin & Martin, Oct. 3, 1899, 133 O. G. 1.

## 1900.

640,709 (Claim 1) Automatic sheet feeding mechanism, Scott & Teel, Jan. 2, 1900, 93 O. G. 1127.

650,771 (Claims 2, 3, 4, 5 and 6) Plow, G. C. Avery, May 29, 1900, 125 O. G. 1705.

661,578 (Claims 1 and 2) Toll collecting device for telephones, W. A. Foss, Nov. 13, 1900, 97 O. G. 757.

## 1901.

**669,011** (Claim 3) Flat knit cap and art of making same, N. E. Kahn, Feb. 26, 1901, 114 O. G. 2095.

**669,627** (Claims 2, 3, 4, 6 and 8) Typewriting machine, M. S. Eylar, Mar. 12, 1901, 119 O. G. 655.

**671,910** Metal saw, Miller & Gard, Apr. 9, 1901, 189 O. G. 1037.

**673,688** (Claim 3) Bowling ball, A. B. Pickett, May 7, 1901, 98 O. G. 231.

**675,812** Navigable vessel, J. Campbell, June 4, 1901, 133 O. G. 1.

**679,134** (Claims 2, 3, 8, 12, 13, 14, 15, 16, 17, 18, 21 and 24) Photographic shutter, A. Wollensak, July 23, 1901, 173 O. G. 289.

**683,675** (Claims 1 and 2) Seat for harvesters or the like, H. W. Avery, Oct. 1, 1901, 100 O. G. 238.

**683,809** (Claims 1 to 10 inclusive) Cutting instrument, F. W. Starr, Oct. 1, 1901, 190 O. G. 798b; (Claims 12, 14, 18 and 21), 199 O. G. 310.

**684,165** Method of regulating electric circuits, M. H. Baker, Oct. 8, 1901, 98 O. G. 1490.

**684,340** (Claims 3 and 5) Regulating device for arc lamp circuits, M. H. Baker, Oct. 8, 1901, 98 O. G. 1489; (Claim 1), 123 O. G. 1995.

**684,850** (Claim 2) Testing device, L. F. Nafis, Oct. 22, 1901, 104 O. G. 1661.

**687,524** (Claims 1, 2 and 3) Manufacture of cement, C. Fellner, Nov. 26, 1901, 183 O. G. 222.

**688,478** Black dye and process of making same, O. Mueller, Dec. 10, 1901, 189 O. G. 257.

## 1902.

**690,443** (Claim 2) Speed regulator for explosive engines, A. L. Kull, Jan. 7, 1902, 98 O. G. 2367.

**695,564** (Claims 17, 18, 19, 22, 23, 24 and 38) Photographic shutter, R. Klein, Mar. 18, 1902, 107 O. G. 836.

**705,850** (Claims 1 and 3) Electrical panel board, H. Krantz, July 29, 1902, 172 O. G. 265.

**707,754** Brush mechanism for dynamos, W. L. Bliss, Aug. 26, 1902, 184 O. G. 1.

**712,174** (Claims 1 and 2) Synchronism indicator, J. F. Begole, Oct. 28, 1902, 103 O. G. 1422.

## 1903.

**718,324** (Claim 1) Means for locking the steering mechanism of motor vehicles, E. Devlin, Jan. 13, 1903, 105 O.G. 501.

**721,240** Photographic objective, P. Rudolph, Feb. 24, 1903, 208 O. G. 660.

**726,325** (Claim 25) Log hauling and loading machine, Miller & Dickinson, Apr. 28, 1903, 106 O. G. 769.

**733,564** (Claims 1, 2, 3, 17 and 18) Electric controller, A. Sundh, July 14, 1903, 187 O. G. 519.

**733,611** (Claims 3, 4, 11, 17, 22, 23 and 24) Bearing for electric meters, G. H. Alton, July 14, 1903, 115 O. G. 1069.

**745,683** (Claims 3 and 5) Air pump governor, S. B. Stewart, Jr., Dec. 1, 1903, 181 O. G. 271.

**747,858** (Claim 1) Apparatus for marking perforated music sheets for mechanical musical instruments, G. H. Davis, Dec. 22, 1903, 114 O. G. 547.

## 1904.

**750,317** (Claim 1) Motor bicycle, W. A. Suddard, Jan. 26, 1904, 133 O. G. 1192.

**753,177** Glandular extractive compound, J. Takamine, Feb. 23, 1904, 168 O. G. 793.

**754,473** Guide wheel, A. H. Mathesius, Mar. 15, 1904, 159 O. G. 244.

**756,673** Compound engine, C. J. Mellin, Apr. 5, 1904, 115 O. G. 807.

**756,771** (Claim 1) Switch connection, F. C. Anderson, Apr. 5, 1904, 127 O. G. 2821.

**757,748** (Claim 1) Spinning ring, H. B. Hoyle, Apr. 19, 1904, 113 O. G. 285.

**757,754** (Claims 1 and 2) Railway rail stay, Laas & Sponenberg, Apr. 19, 1904, 137 O. G. 736.

**759,388** Caisson, D. E. Moran, May 10, 1904, 210 O. G. 1400.

**759,389** Caisson, D. E. Moran, May 10, 1904, 210 O. G. 1400.

**760,060** (Claim 20) Camera, G. H. Dorr, May 17, 1904, 116 O. G. 1187.

**769,788** Fire proof drop curtain, J. H. Channon, Sept. 13, 1904, 139 O. G. 201.

**775,901** (Claim 10) Water purifying apparatus, J. C. W. Greth, Nov. 22, 1904, 197 O. G. 243.

**777,096** (Claims 16, 17 and 18) Printing apparatus, R. Herman, Dec. 13, 1904, 174 O. G. 588.

## 1905.

**780,664** Printing telegraph receiver, J. M. Joy, Jan. 24, 1905, 141 O. G. 1166.

**784,695** (Claims 5 and 9) Insulating lining, N. Marshall, Mar. 14, 1905, 138 O. G. 532.

**789,433** (Claim 5) Binding post, E. J. King, May 9, 1905, 124 O. G. 2540.

**791,951** (Claims 1 and 2) Crane, G. W. Shem, June 6, 1905, 153 O. G. 1.

**792,307** (Claim 1) Process of electro-depositing antimony, A. G. Betts, June 13, 1905, 120 O. G. 1169.

**804,726** (Claim 1) Candy pulling machine, E. J. Jenner, Nov. 14, 1905, 208 O. G. 1362.

## 1906.

**822,634** Automobile extension canopy frame, L. C. Shipley, June 5, 1906, 203 O. G. 1264.

**823,244** (Claims 13, 15, 17 and 21) Wheeled plow, L. E. Waterman, June 12, 1906, 124 O. G. 2539.

**828,761** Caisson, Moran & Doty, Aug. 14, 1906, 210 O. G. 1400.

**833,290** (Claims 1, 2 and 4) Electrical conductor, A. G. Betts, Oct. 16, 1906, 126 O. G. 763.

**838,379** (Claim 1) Draft gearing, S. P. Bush, Dec. 11, 1906, 208 O. G. 660.

**838,455** (Claims 33 and 34) Combined emergency and throttle valve, R. H. Rice, Dec. 11, 1906, 176 O. G. 529.

**838,487** (Claim 10) Elastic fluid turbine, J. Wilkinson, Dec. 11, 1906, 129 O. G. 3166.

**839,012** (Claim 1) Edge setter iron with stitch wheel, M. F. Lindberg, Dec. 18, 1906, 156 O. G. 261.

## 1907.

**847,991** (Claims 1 and 2) Manifolding book or pad, B. C. Maxwell, Mar. 19, 1907, 135 O. G. 1127.

**852,747** (Claims 2 and 3) Shoe lacing, F. Thun, May 7, 1907, 209 O. G. 1319.

**854,670** (Claims 9 and 11) Apparatus for the extraction of dust from carpets and other articles, F. V. Schiodt, May 21, 1907, 204 O. G. 1014.

**856,414** (Claim 2) Dynamo electric machine, C. A. Mudge, June 11, 1907, 177 O. G. 775.

**864,435** (Claim 6) Paper bag machine, C. F. Smith, Aug. 27, 1907, 137 O. G. 1714.

**872,338** (Claims 1, 2 and 8) Fitting for fluid supply systems, E. H. Gold, Dec. 3, 1907, 147 O. G. 522.

## 1908.

**878,435** (Claims 13, 14, 15, 16 and 17) Induction coil, R. Varley, Feb. 4, 1908, 133 O. G. 1191.

**878,724** Sectional plaiting device for straight knitting machines, P. Guenther, Feb. 11, 1908, 176 O. G. 771.

**880,900** Process for producing chlorids of carbon, J. MacKaye, Mar. 3, 1908, 134 O. G. 1566.

**885,450** Apparatus for separating solids from liquids, E. W. Deming, Apr. 21, 1908, 198 O. G. 900.

**885,867** Centrifugal pump, R. Salzer, Apr. 28, 1908, 192 O. G. 523.

**887,982** (Claim 5) Sofa bed, J. B. Strand et al., May 19, 1908, 165 O. G. 479.

**890,220** (Claim 8) Electro-magnetic signal controlling device, H. M. Crane, June 9, 1908, 161 O. G. 533.

**892,440** Multi stage turbine, E. Mertz, July 7, 1908, 141 O.G. 289.

**894,733** Shoe and process of making same, W. R. Green, July 28, 1908, 198 O. G. 241.

**898,519** Display device, A. H. Snelling, Sept. 15, 1908, 192 O. G. 747.

**898,907** (Claim 1) Tire for vehicle wheels, T. J. Mell, Sept. 15, 1908, 199 O. G. 310.

**904,167** (Claims 1 and 2) Paper bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 197.

**904,168** (Claim 1) Self opening bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 198.

**904,169** (Claim 1) Self opening paper bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 198.

## 1909.

**910,201** (Claims 1 and 10) Railroad track car, M. L. Jenkins, Jan. 19, 1909, 159 O. G. 995.

**911,856** (Claims 1 and 3) Rail anchor, W. H. Walker, Feb. 9, 1909, 148 O. G. 575.

**914,426** (Claim 2) Metallic rod packing ring, C. W. G. King, Mar. 9, 1909, 184 O. G. 807.

**919,381** Electric glow lamp, H. Remane et al., Apr. 27, 1909, 165 O. G. 735.

**919,953** (Claims 1, 2, 3, 4 and 6) Governing mechanism for air compressors, R. H. Rice, Apr. 27, 1909, 185 O. G. 531.

**919,999** (Claims 1 to 7 inclusive) Singeing machine, Allsop & Sibson, Apr. 27, 1909, 155 O. G. 803.

**924,714** (Claims 9, 10, 13 and 14) Telephone system, E. E. Yaxley, June 15, 1909, 186 O. G. 562.

**930,633** (Claim 5) Toy, J. C. Turner, Aug. 10, 1909, 147 O. G. 773.

**934,732** Apparatus for making artificial ice, O. H. Jewell, Sept. 21, 1909, 190 O. G. 1034.

**934,972** Method of making artificial ice, O. H. Jewell, Sept. 21, 1909, 190 O. G. 1034.

**936,713** Method of plating metals, W. Griffith, Oct. 12, 1909, 182 O. G. 1.

**940,925** (Claim 1) Water gas apparatus, S. J. Dickey, Nov. 23, 1909, 201 O. G. 1222.

**943,841** (Claims 1, 2 and 3) Drawer for filing cases, E. Ohnstrand, Dec. 21, 1909, 188 O. G. 1.

## 1910.

**948,773** Sad iron, Spahr & Stichler, Feb. 8, 1910, 202 O. G. 635.

**954,407** (Claims 24, 29 and 30) Vapor electric apparatus, Bastian & Salisbury, Apr. 5, 1910, 195 O. G. 821.

**954,691** (Claim 1) Artificial bait, J. E. Pflueger, Apr. 12, 1910, 205 O. G. 669.

**955,534** (Claim 8) Composing stick, S. A. Neidich, Apr. 19, 1910, 189 O. G. 1035.

**962,220** (Claims 1, 3 and 4) Number plate support for vehicles, W. B. Hughes, June 21, 1910, 178 O. G. 597.

**969,660** Flexible shaft, Schmidt & Grundmann, Sept. 6, 1910, 183 O. G. 222.

**970,556** (Claims 1, 2 and 7) Lightning protector, A. F. Rosenberger, Sept. 20, 1910, 175 O. G. 271.

**970,617** (Claims 1 and 2) Spinning, doubling and twisting machine, S. Z. de Ferranti, Sept. 20, 1910, 166 O. G. 1.

**976,443** (Claims 1, 2, 3 and 4) Apparatus for coating articles with pulverulent material, C. Doering, Jr., Nov. 22, 1910, 179 O. G. 859.

## 1911.

**985,145** (Claims 238, 246 and 247) Mechanical cashier, E. S. Church, Feb. 28, 1911, 170 O. G. 487.

**998,186** (Claims 4 and 6) Well mechanism, M. E. Layne, July 18, 1911, 180 O. G. 609.

**1,009,355** (Claims 1 to 8 inclusive) Baking machine, W. W. Turnbull, Nov. 21, 1911, 206 O. G. 1438.

**1,009,474** (Claims 54, 55, 56 and 57) Machine for making solder-hemmed caps, E. M. Cobb, Nov. 21, 1911, 193 O. G. 513, 754.

## 1912.

**1,015,256** (Claims 1 and 2) Duplicating machine, C. E. Adamson, Jan. 16, 1912, 175 O. G. 847.

**1,025,309** (Claim 29) Door closing mechanism, O. C. Rixson, May 7, 1912, 180 O. G. 885.

**1,034,540** (Claims 7 and 8) Superheater, S. M. Vauclain, Aug. 6, 1912, 196 O. G. 279.

**1,035,762** (Claims 21, 23 and 24) Photographic shutter, A. Wollensak, Aug. 13, 1912, 189 O. G. 1035.

**1,040,969** (Claims 1 and 2) Door controlling means, H. G. Voight, Oct. 8, 1912, 200 O. G. 285.

**1,045,540** (Claim 4) Railroad switch locking mechanism, S. D. Frank, Nov. 26, 1912, 189 O. G. 529.

## 1913.

**1,052,373** (Claims 4 and 11) Rock drill, A. Palmros, Feb. 4, 1913, 194 O. G. 955.

**1,061,855** Instrument for woodworking or furniture, E. Lobo, May 13, 1913, 209 O. G. 1054.

**1,071,375** (Claim 1) Filing appliance, P. Voss, Aug. 26, 1913, 209 O. G. 691.

**1,078,758** (Claim 1) Car diaphragm, E. E. Whitmore, Nov. 18, 1913, 203 O. G. 309.

**1,080,555** (Claim 17) Truck construction, Howard & Pflager, Dec. 9, 1913, 206 O. G. 319.

**1,082,523** Piston packing, Hoke & Barley, Dec. 30, 1913, 204 O. G. 1014.

## 1914.

**1,095,772** (Claim 1) Vehicle wheel rim, J. A. Anglada, May 5, 1914, 202 O. G. 1264.

**1,099,164** (Claims 1, 2, 3, 4 and 5) Party line ringing key, A. J. Carter, June 9, 1914, 210 O. G. 1400.

**1,102,620** (Claims 1, 2, 3, 5, 6, 7, 8, 9, 10, 11 and 12) Center bolster for six-wheel car trucks, C. T. Westlake, July 7, 1914, 206 O. G. 880.

**1,105,821** (Claim 4) Jolt ramming machine, E. H. Mumford, Aug. 4, 1914, 210 O. G. 1.

**1,108,566** (Claims 1 to 10 inclusive) Poultry exerciser and feeder, J. M. Foster, Aug. 25, 1914, 211 O. G. 958.

## TABLE V.

### Alphabetical Index of Adjudicated Designs.

(The numerical references are to patents listed under Table III).

Artificial building blocks, 36,806.
Bath tub seat, 29,993.
Bedspring, 37649.
Blade, grass cutting, 30,478.
Border section for silver plate, 40,009.
Bottle, 39,921.
Branch box for insulated electric wires, 39,767.
Brooches, ornamental head for, 35,922.
Brush, clothes, 40,789.
Building blocks, artificial, 36,806.
Button, preliminary injunction denied, (C. C. S. D. N. Y.), 185 F. 820.
Carpet, 10,778, 10,870. 11,074.
Case, piano, 37,501.
Case, show, 8,814.
Casing for disinfecting apparatus, 33,633.
Cereal cup, 25,318.
Clasp pin, 37,055.
Clothesbrush, 40,789.
Dish, 39,992.
Disinfecting apparatus, casing for, 33,633.
Forks and spoons, 40,124, 40,832, 40,833.
Grass cutting blade, 30,478.
Grass hook, 32,227.
Hat band, 38,412.
Hook, grass, 32,227.
Inkwell, 37,504, 40,125.
Insulating plug for electric-line supports, 31,838.
Jewelry, 5 F. 359.
Jewelry setting, 11,409.
Lamp, 37,301, 38,638.
Lamp shade, 41,785.

Lamp, street, 9,488, 10,497.
Monument, sarcophagus, 27,115.
Neck scarf, 39,347.
Newel post, 12,026.
Number plate support, vehicle, 41,388, 41,389.
Ornamental head for brooches, 35,922.
Piano case, 37,501.
Pin, clasp, 37,055.
Plug, insulating, for electric-line supports, 31,838.
Prismatic glass reflector, 37,983.
Pump-curb, 28,190.
Radiator, 36,607.
Reflector, 37,967, 40,182.
Ribbon, 38,581.
Sarcophagus monument, 27,115.
Seat, bath tub, 29,993.
Shade, lamp, 41,785.
Show case, 8,814.
Silver plate, 39,992, 40,009.
Spoons and forks, 40,124, 40,832, 40,833.
Street lamp, 9,488, 10,497.
Support for vehicle number plate, 41,388, 41,389.
Textile fabric, not void on demurrer, (C. C. S. D. N. Y.), 185 F. 531.
Trimming for ladies' underwear, 36,895.
Underwear, ladies', trimming for, 36,895.

## TABLE VI.

### Alphabetical Index of Adjudicated Patents for Inventions.

(The numerical references are to the patents listed under Tables I and II. This index is intended to lighten the labor of searching for adjudications in any particular art, but a word of caution may be necessary against taking its entries too narrowly. For example, in looking up Electric switches, it would be best to look up references under Switches, as well as under Electric switches, for it is quite possible that the data from which this list was prepared as well as the patents by which it was checked may have referred to some electric switches without specifically designating them as such. Another uncertainty of nomenclature that should be borne in mind by the user of this table is the indiscriminate application of different terms to the same device, e. g., "plow" and "cultivator." Again, a specific element is sometimes referred to under the system of which it is a part, e. g., an "incandescent lamp socket" may be indexed as an "incandescent lamp").

Abdominal pad and hose supporter, combined, 638,540.
Abrasives, apparatus for applying to grinding apparatus, 1,056,415.
Abrasives, method of applying to grinding apparatus, 1,056,416.
Absorber, shock, Reissue 12,437.
Absorbing substance for dust, 833,423.
Account book, 632,769, 746,157.
Account recording appliance, 783,126.
Accounts, cash, method and means for registering and checking, 500,071.
Account register, 1,023,889.
Accounting attachment for typewriters, 705,409.
Acetyl salicylic acid, 644,077
Acetylene gas, apparatus for storing, 664,383.
Acetylene gas burner, 589,342, 617,942, 634,838.
Acetylene gas generator lamp, 949,349.
Acetylene gas lamp, 656,874, 821,580.

Acetylene gas tank, 664,383.
Acetylene lamp, Reissue 13,542.
Adding and typewriting machine, 698,614.
Adding attachment for typewriters, 874,060.
Adding machine, 893,182, 1,033,109.
Adrenalin, 730,176, 753,177.
Advertising, see Bill hook.
Advertising device, 861,747, 861,749.
Adjusting device for automatic musical instruments, 625,744.
Aerial cables, suspension of, 595,693.
Aerial gymnastic performances, means for producing, 847,139.
Aeroplane, see Flying Machine.
Aging and bleaching flour, process for, 693,207.
Air, apparatus for purifying, 917,185.
Air brake valve, 912,511, 912,512.
Air brush, 474,158, 555,669.
Air-cushioning mechanism, 1,037,021.
Air lock, 500,149, 514,843.
Air pump for blow-torches, 937,757.
Air pump governor, 671,244, 745,683.
Alarm, burglar, 708,496, 771,749.
Alarm, burglar, electrical, Reissue 11,626, 626,670.
Alarm system, burglar, 667,115.
Alarm system, burglar, electrical, 627,054, 632,513.
Alarm, time, electric, 771,748
Alarm valve and system, 743,049.
Albumen preparation soluble in water, 601,995.
Alcohol, wood, process of making, 824,906.
Alloy for anti-friction bearings, 655,402.
Alloy, pyrophoric, 837,017, 967,775.
Alternating current distribution, 582,131.
Alternating current electromagnet, 744,773, 764,608.
Alternating current indicator, 399,801.
Alternating current magnetic device, 428,650.
Alternating current motor, 458,162, 530,166, 530,177, 555,190, 677,308.
Alternating currents, means for varying the voltage of, 768,354.
Alternating current system of distribution, 559,913.
Alternating current systems, regulation of, 594,144.
Amplifying horn for talking machines, 832,896.

Amusement apparatus, 737,375, 738,434, 789,243.
Amusement apparatus, bicycle, 762,232.
Amusement railway, 811,211.
Anhydride, sulfuric, process of making, 652,119.
Annealing furnace, 624,401.
Annunciator and spring-jack for telephone switch boards, 521,461.
Anticreeping device, rail, 1,014,155.
Anti-vibration device for vehicles, Reissue 12,399.
Apartment house with disappearing bed, 839,996.
Apartment wall furniture, 892,668.
Apparatus and method for transmitting electrical impulses, Reissue 11,913.
Apparel, wearing, 944,176.
Apparel belt, 661,447.
Apple-parer, 572,689.
Arc lamp globe, 975,935.
Arch or bridge, 818,386, 840,224, 852,970, 853,183, 853,202, 853,-203, 923,058, 933,771.
Arch, centering for and method of constructing, 802,004.
Arched suspender for overhead electric conductors, 393,317.
Armature, 504,401, 559,910.
Armature core, 508,637.
Armature for dynamos, 493,337, 504,401, 559,910, 630,930.
Armor for pneumatic tires, 723,299.
Armor-plate, 460,262, 534,178, 642,926, 651,965, 653,413.
Artificial mica sheets for insulation, process of making, 483,646.
Artificial stone, process of making, 624,563.
Artificial teeth, 801,911, 821,192.
Ash discharger, 986,208.
Ash pan, locomotive, 341,930.
"Asperin", 644,077.
Asphaltic fluxes, 635,429, 635,430.
Asphaltic petroleum products and process of making same, 524,-130.
Assorting ore, see Screening.
Atomizer, 483,435, 620,895.
Attachment for potato harvesters, 640,816.
Automatic casing perforator for deep wells, 650,318.
Automatic circuit breaker, 633,772.

Automatic dredges for enameling iron ware; see Iron ware, enameled.
Automatic egg boiler, 557,192.
Automatic engine stop, 812,279.
Automatic feeder for twine making machine, 785,070.
Automatic firearm, 747,585; see Firearm.
Automatic heat regulator, 583,632.
Automatic switch mechanism, 453,032.
Automatic telegraphy; see Telegraphy, automatic.
Automatic weighing machine, 766,004.
Automobile, gas, 549,160.
Automobile buffer, 885,181.
Automobile fender, 873,544.
Automobile horn, 923,048, 923,049, 923,122.
Automobile spare-tire holder, 872,892.
Automobile speed indicating mechanism, 837,188.
Automobile truck, Reissue 12,430.
Automobiles, clutch mechanism for, 883,552.
Automobiles, heating and ventilating system for, 873,399.
Automobiles, radiator for, 898,237.
Automobiles, starting gearing for, 1,098,344.
Automobiles, wind shield for, 1,011,892.
Auto spring repairer, 899,468.
Autovehicles, steering wheel for, 848,140.
Awning, 798,756.
Axle box, car, 239,702.
Baffle wall brick, 747,329.
Bag filling machine, 539,171.
Bag machine, paper, 558,969, 578,133, 578,550, 598,497, 736,673.
Bait, fish, 777,488.
Baking pan, 607,759.
Baking powder, 474,811.
Ball and socket fastener, 645,624.
Ball bearing, 449,959, 449,968, 822,723.
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